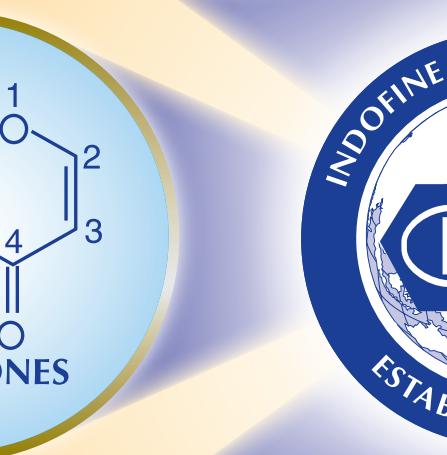
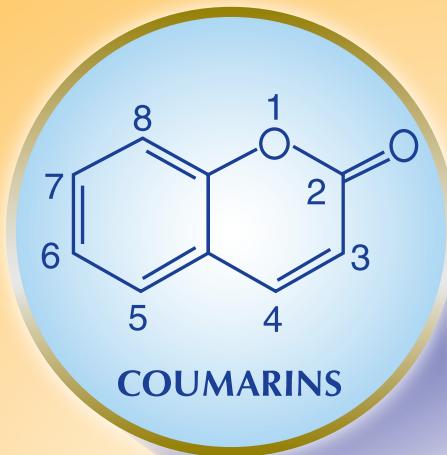




**INDOFINE - "The Flavonoid Company"™**

**A SINGLE SOURCE FOR FLAVONOIDS & COUMARINS**



**CUSTOM SYNTHESIS AND CONTRACT RESEARCH**



How to locate the flavonoid you want:

Most flavonoids are referred to by trivial names, and sometimes the same compound is known under several names. To assist you in locating a compound that may not be listed under the name most familiar to you, the following list shows all of the names that are likely to be used for all of the flavonoids we offer. These names are arranged in alphabetical order. If the compound is listed in the catalog under a different name, this is given below after the word "see". The category in which this compound is listed is shown by an initial: (C) for Coumarins, (F) for Flavones, (H) for Chalcones, (I) for Isoflavones, (N) for Flavanones or (R) for Chromones. The page number on which the compound appears is shown in italics.

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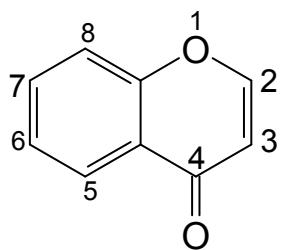
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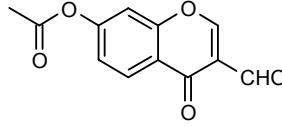
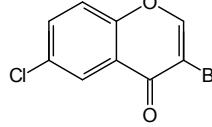
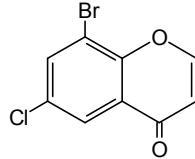
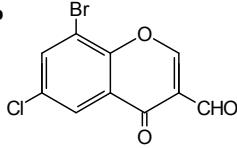
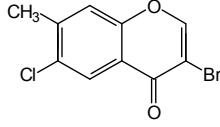
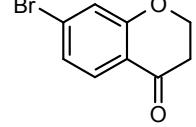
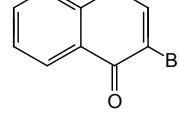
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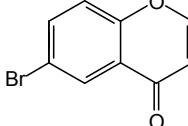
## **CHROMONES**

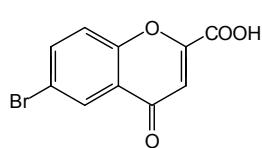
We supply rare and high quality chromones. They are listed in this section in alphabetical order, with synonyms given below them in parentheses. In addition, we welcome inquiries for non-listed chromones.

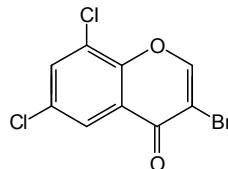


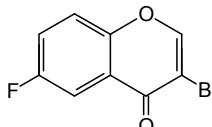
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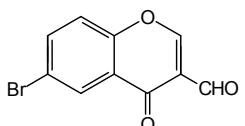
19-738	<b>7-Acetoxy-3-formylchromone, 98%</b> [42059-49-4] C <sub>12</sub> H <sub>8</sub> O <sub>5</sub> MW 232.19 mp 156-158°C Off-white powder Soluble in chloroform		100 mg 250 mg
17-213	<b>3-Bromo-6-Chlorochromone, 98%</b> C <sub>9</sub> H <sub>4</sub> BrClO <sub>2</sub> MW 259.48 mp 129-130°C Pale white shining crystalline powder Soluble in chloroform		100 mg 250 mg
19-178	<b>8-Bromo-6-chlorochromone, 98%</b> C <sub>9</sub> H <sub>4</sub> BrClO <sub>2</sub> MW 259.48      mp 153.6-154.5°C Cream colored powder Soluble in chloroform		250 mg 1 gm
19-181	<b>8-Bromo-6-chloro-3-formylchromone, 98%</b> C <sub>10</sub> H <sub>4</sub> BrClO <sub>3</sub> MW 287.49 mp 170.5-171.5°C Light rose colored powder Soluble in chloroform		250 mg 1 gm
19-141	<b>3-Bromo-6-chloro-7-methylchromone, 98%</b> C <sub>10</sub> H <sub>6</sub> BrClO <sub>2</sub> MW 273.51 mp 171-173°C Light yellow powder Soluble in chloroform		250 mg 1 gm
19-867	<b>7-Bromochromanone, 98%</b> C <sub>9</sub> H <sub>7</sub> BrO <sub>2</sub> MW 227.06      mp 100-101°C Off white powder Soluble in chloroform		100 mg 250 mg
17-212	<b>3-Bromochromone, 98%</b> [49619-82-1] C <sub>9</sub> H <sub>5</sub> BrO <sub>2</sub> MW 225.05 mp 94-96°C Off white powder Soluble in chloroform		250 mg

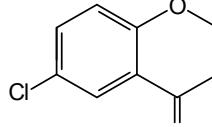
17-020	<b>6-Bromochromone, 98%</b> [51483-92-2] $C_9H_5BrO_2$ MW 225.05 mp 135-139°C Shining wheat colored powder Soluble in chloroform		250 mg
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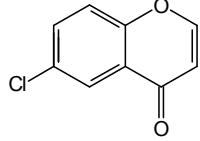
17-021	<b>6-Bromochromone-2-carboxylic acid, 98%</b> [51484-06-1] $C_{10}H_5BrO_4$ MW 269.05 mp 270-271°C (dec) White powder Soluble in DMF		250 mg
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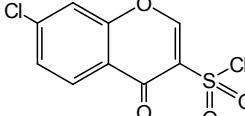
19-142	<b>3-Bromo-6,8-dichlorochromone, 98%</b> $C_9H_3BrCl_2O_2$ MW 293.93 mp 146-147°C Off white colored powder Soluble in chloroform		250 mg 1 gm
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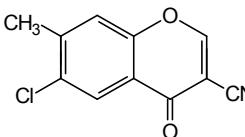
19-400	<b>3-Bromo-6-fluorochromone, 98%</b> [179111-05-8] $C_9H_4BrFO_2$ MW 243.03 mp 131-133°C Cream color shining powder Soluble in chloroform		100 mg 250 mg
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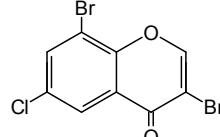
17-025	<b>6-Bromo-3-formylchromone, 98%</b> [52817-12-6] $C_{10}H_5BrO_3$ MW 253.05 mp 190-191.5°C Light yellow shining powder Soluble in chloroform		250 mg
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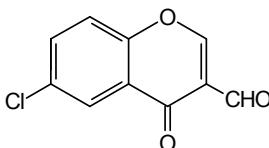
17-037	<b>6-Chloro-4-chromanone, 98%</b> [37674-72-9] $C_9H_7ClO_2$ MW 182.61 mp 102-105°C Light yellow crystalline solid Soluble in chloroform, benzene		1 gm 5 gm
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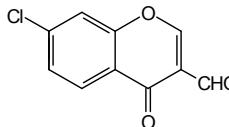
17-039	<b>6-Chlorochromone, 97%</b> [33533-99-2] $C_9H_5ClO_2$ MW 180.59 mp 136-138°C Off white colored shining plates Soluble in chloroform		250 mg
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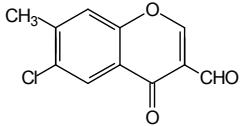
19-420	<b>7-Chlorochromone-3-sulfonylchloride, 98%</b> $C_9H_4Cl_2O_4S$ MW 279.10 mp 177-178°C Off white shining powder Soluble in chloroform		25 mg
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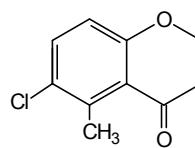
17-047	<b>6-Chloro-3-cyano-7-methylchromone, 98%</b> $C_{11}H_6ClNO_2$ MW 219.63 mp 229-231°C Light yellow powder Soluble in DMSO		250 mg
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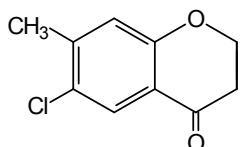
19-187	<b>6-Chloro-3,8-dibromochromone, 98%</b> $C_9H_3Br_2ClO_2$ MW 338.38 mp 151-152°C Off white fluffy powder Soluble in chloroform		250 mg 1 gm
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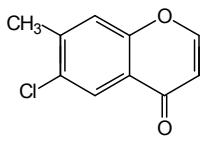
17-051	<b>6-Chloro-3-formylchromone, 99+%</b> [42248-31-7] $C_{10}H_5ClO_3$ MW 208.60 mp 166-168°C Wheat color shining powder Soluble in chloroform		250 mg
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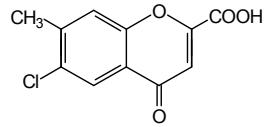
19-339	<b>7-Chloro-3-formylchromone, 98%</b> $C_{10}H_5ClO_3$ MW 208.60 mp 189-191°C Off white fluffy powder Soluble in chloroform		100 mg 250 mg
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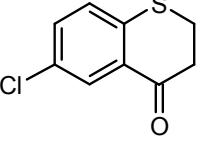
<b>19-089</b>	<b>6-Chloro-3-formyl-7-methylchromone, 98%</b> [64481-12-5] $C_{11}H_7ClO_3$ MW 222.63 mp 183-184°C Yellow powder Soluble in chloroform		250 mg 1 gm
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<b>19-463</b>	<b>6-Chloro-5-methylchromanone, 98%</b> $C_{10}H_9ClO_2$ MW 196.64 mp 78-80°C White shining powder Soluble in chloroform		100 mg 250 mg
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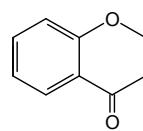
<b>17-067</b>	<b>6-Chloro-7-methylchromanone, 98%</b> [84942-40-5] $C_{10}H_9ClO_2$ MW 196.64 mp 95.7-97°C White solid Soluble in chloroform		1 gm 5 gm
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<b>17-185</b>	<b>6-Chloro-7-methylchromone, 98%</b> [67029-84-9] $C_{10}H_7ClO_2$ MW 194.62 mp 170-171°C Pale white colored powder Soluble in chloroform		1 gm
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<b>17-068</b>	<b>6-Chloro-7-methylchromone-2-carboxylic acid, 98%</b> $C_{11}H_7ClO_4$ MW 238.63 mp 241-244°C White colored powder Soluble in DMF		1 gm
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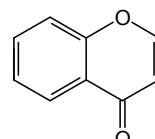
<b>19-655</b>	<b>6-Chlorothiochromanone, 98%</b>  $C_9H_7ClOS$ MW 198.67 mp 66-68°C Yellow solid Soluble in chloroform		100 mg 250 mg
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**17-076      4-Chromanone, 98%**  
 [491-37-2]  
 $C_9H_8O_2$   
 MW 148.16  
 mp 38-40°C  
 Cream crystalline low melting solid  
 Soluble in chloroform



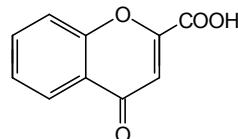
5 gm  
 25 gm

**17-077      Chromone, 98%**  
 [491-38-3]  
 $C_9H_6O_2$   
 MW 146.15  
 mp 55-60°C  
 Off white colored crystalline powder  
 Soluble in chloroform



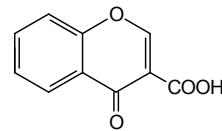
1 gm

**17-078      Chromone-2-carboxylic acid, 98%**  
 [4940-39-0]  
 $C_{10}H_8O_4$   
 MW 190.15  
 mp 260°C (dec)  
 White fluffy powder  
 Soluble in DMF



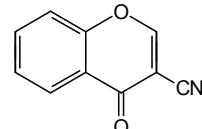
1 gm

**23-001      Chromone-3-carboxylic acid, 98%**  
 [39079-62-4]  
 $C_{10}H_8O_4$   
 MW 190.15  
 mp 200-202°C  
 Off white powder  
 Soluble in chloroform



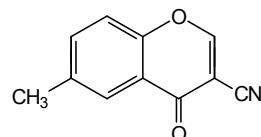
1 gm

**17-079      3-Cyanochromone, 98%**  
 [50743-17-4]  
 (Chromone-3-carbonitrile)  
 $C_{10}H_7NO_2$   
 MW 171.16  
 mp 174-176°C  
 Off white powder  
 Soluble in chloroform

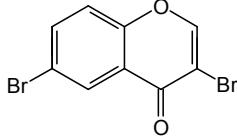


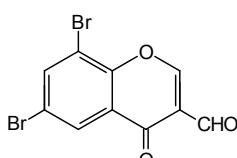
1 gm

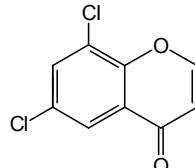
**17-089      3-Cyano-6-methylchromone, 97%**  
 [50743-18-5]  
 $C_{11}H_7NO_2$   
 MW 185.18  
 mp 151-153°C  
 Pale cream fluffy powder  
 Soluble in chloroform

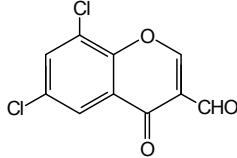


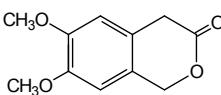
1 gm

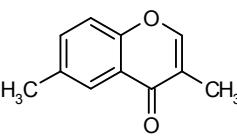
<b>19-144</b>	<b>3,6-Dibromochromone, 98%</b> C <sub>9</sub> H <sub>4</sub> Br <sub>2</sub> O <sub>2</sub> MW 303.94 mp 142-144°C Off white crystalline powder Soluble in chloroform		1 gm
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<b>17-093</b>	<b>6,8-Dibromo-3-formylchromone, 98%</b> [76743-82-3] C <sub>10</sub> H <sub>4</sub> Br <sub>2</sub> O <sub>3</sub> MW 331.96 mp 174-176°C Yellow solid Soluble in chloroform		1 gm 5 gm
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<b>19-145</b>	<b>6,8-Dichlorochromone, 98%</b> C <sub>9</sub> H <sub>4</sub> Cl <sub>2</sub> O <sub>2</sub> MW 215.04 mp 126-128°C Yellow powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
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<b>17-107</b>	<b>6,8-Dichloro-3-formylchromone, 99+%</b> [64481-10-3] C <sub>10</sub> H <sub>4</sub> Cl <sub>2</sub> O <sub>3</sub> MW 243.05 mp 171-172°C Light yellow powder Soluble in chloroform		1 gm
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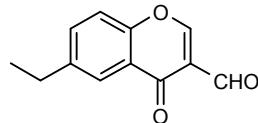
<b>19-309</b>	<b>6,7-Dimethoxy-3-isochromanone, 98%</b> C <sub>11</sub> H <sub>12</sub> O <sub>4</sub> MW 208.21 mp 105-106.5°C Off white powder Soluble in chloroform		100 mg 250 mg
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<b>19-542</b>	<b>3,6-Dimethylchromone, 98%</b> C <sub>11</sub> H <sub>10</sub> O <sub>2</sub> MW 174.20 mp 59.8-61.2°C White powder Soluble in chloroform		250 mg 1 gm
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**19-743      6-Ethyl-3-formylchromone, 98%**      1 gm

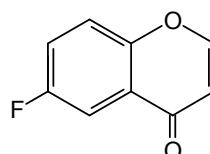


[42059-78-9]  
C<sub>12</sub>H<sub>10</sub>O<sub>3</sub>  
MW 202.21  
mp 107.8-110.2°C  
Light yellow powder  
Soluble in chloroform



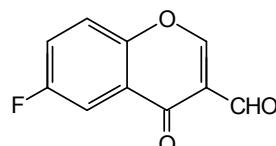
**19-405      6-Fluorochromone, 98%**      250 mg  
1 gm

[105300-38-7]  
C<sub>9</sub>H<sub>7</sub>FO<sub>2</sub>  
MW 164.14  
mp 167-169°C  
White crystalline powder  
Soluble in chloroform



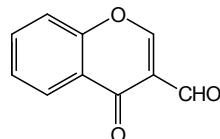
**19-406      6-Fluoro-3-formylchromone, 98%**      250 mg  
1 gm

C<sub>10</sub>H<sub>8</sub>FO<sub>3</sub>  
MW 192.15  
mp 157-158°C  
White shining powder  
Soluble in chloroform



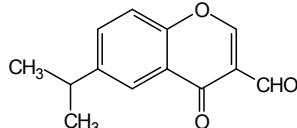
**17-128      3-Formylchromone, 98%**      1 gm

(Chromone-3-carboxaldehyde)  
[17422-74-1]  
C<sub>10</sub>H<sub>8</sub>O<sub>3</sub>  
MW 174.16  
mp 151.5-153.2°C  
Light yellow powder  
Soluble in chloroform



**17-159      3-Formyl-6-isopropylchromone, 98%**      1 gm  
5 gm

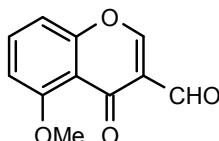
[49619-58-1]  
C<sub>13</sub>H<sub>12</sub>O<sub>3</sub>  
MW 216.23  
mp 98-100°C  
White solid  
Soluble in chloroform

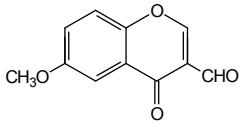


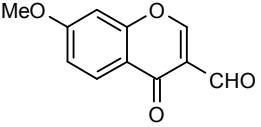
**19-712      3-Formyl-5-methoxychromone, 99%**      100 mg  
250 mg

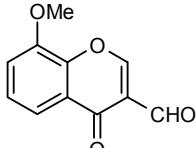


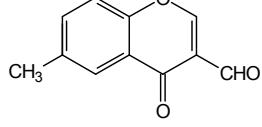
C<sub>11</sub>H<sub>8</sub>O<sub>4</sub>  
MW 204.18  
mp 137.5-139.1°C  
Off White powder  
Soluble in chloroform

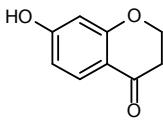


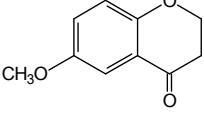
<b>19-177</b>	<b>3-Formyl-6-methoxychromone, 98+%</b> [42059-79-0] $C_{11}H_8O_4$ MW 204.18 mp 163.5-166°C Pale yellow powder Soluble in chloroform		250 mg 1 gm
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<b>19-723</b>	<b>3-Formyl-7-methoxychromone, 98+%</b> [42059-56-3]  $C_{11}H_8O_4$ MW 204.18 mp 189-191.5°C Pale yellow crystalline powder Soluble in chloroform		25 mg 100 mg
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<b>19-745</b>	<b>3-Formyl-8-methoxychromone, 98%</b>  $C_{11}H_8O_4$ MW 204.18 mp 174.8-177.2°C Light yellow powder Soluble in chloroform		25 mg 100 mg
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<b>17-130</b>	<b>3-Formyl-6-methylchromone, 99+%</b> [42059-81-4] $C_{11}H_8O_3$ MW 188.18 mp 172-173°C Light yellow powder Soluble in chloroform		1 gm
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<b>19-869</b>	<b>7-Hydroxychromanone, 98%</b>  $C_9H_8O_3$ MW 164.16 mp 143-145°C Light pink powder Soluble in ethyl acetate		100 mg 250 mg
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<b>19-532</b>	<b>6-Methoxychromanone, 98+%</b> $C_{10}H_10O_3$ MW 178.19 mp 47-48°C Yellow powder Soluble in chloroform		250 mg 1 gm
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<b>19-870</b>	<b>7-Methoxychromanone, 98%</b> C <sub>10</sub> H <sub>10</sub> O <sub>3</sub> MW 178.19      mp 55-58°C Light pink powder Soluble in chloroform		100 mg 250 mg
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<b>19-533</b>	<b>6-Methoxychromone, 99+%</b> C <sub>10</sub> H <sub>8</sub> O <sub>3</sub> MW 176.17 mp 93-94.6°C White powder Soluble in chloroform		250 mg 1 gm
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<b>17-209</b>	<b>6-Methylchromanone, 98%</b> C <sub>10</sub> H <sub>10</sub> O <sub>2</sub> MW 162.19 mp 34-36°C Low melting solid Soluble in chloroform, acetone		1 gm 5 gm
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<b>19-147</b>	<b>6-Methylchromone, 98%</b> C <sub>10</sub> H <sub>8</sub> O <sub>2</sub> MW 160.17 mp 88-89°C Pale white powder Soluble in chloroform		1 gm
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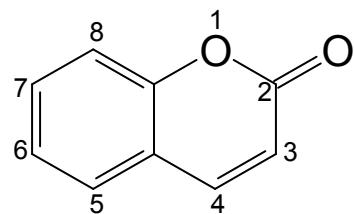
<b>17-148</b>	<b>6-Methylchromone-2-carboxylic acid, 98%</b> [5006-44-0] C <sub>11</sub> H <sub>8</sub> O <sub>4</sub> MW 204.19 mp 266-267°C (dec) White powder Soluble in DMF		1 gm
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<b>19-658</b>	<b>6-Methylthiochromanone, 98+%</b> C <sub>10</sub> H <sub>10</sub> OS MW 178.25 mp 40-42°C Off white powder Soluble in chloroform		100 mg 250 mg
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<b>19-480</b>	<b>6-Nitrochromanone, 98%</b> [68043-53-8] C <sub>9</sub> H <sub>7</sub> NO <sub>4</sub> MW 193.16      mp 175-177°C White fluffy powder Soluble in chloroform		5 gm
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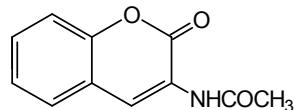
## **COUMARINS**

We supply rare and high quality coumarins. They are listed in this section in alphabetical order, with synonyms given below them in parentheses. In addition, we welcome inquiries for non-listed coumarins.



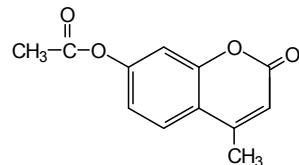
**020596      3-Acetamidocoumarin, 99%**      100 mg

[779-30-6]  
C<sub>11</sub>H<sub>9</sub>NO<sub>3</sub>  
MW 203.19  
mp 204-205°C  
Creamy fluffy powder



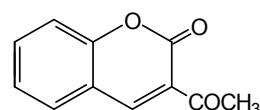
**A-102      7-Acetoxy-4-methylcoumarin, 98%**      250 mg

(β-Methylumbelliferyl acetate)  
[2747-05-9]  
C<sub>12</sub>H<sub>10</sub>O<sub>4</sub>  
MW 218.21  
mp 150-151.3°C  
White fluffy powder  
Soluble in chloroform



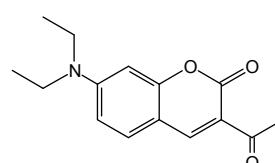
**A-103      3-Acetylcoumarin, 98%**      250 mg

[3949-36-8]  
C<sub>11</sub>H<sub>8</sub>O<sub>3</sub>  
MW 188.18  
mp 120.3-121.8°C  
Cream color powder  
Soluble in chloroform



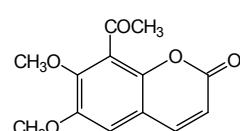
**19-424      3-Acetyl-7-diethylaminocoumarin, 98%**      100 mg  
250 mg

C<sub>15</sub>H<sub>17</sub>NO<sub>3</sub>  
MW 259.31  
mp 152-154°C  
Yellow shining powder  
Soluble in chloroform



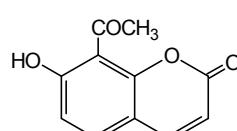
**020582      8-Acetyl-6,7-dimethoxycoumarin, 98%**      25 mg

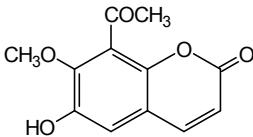
[3949-36-8]  
C<sub>13</sub>H<sub>12</sub>O<sub>5</sub>  
MW 248.23  
mp 95.5-97°C  
Pale yellow powder  
Soluble in chloroform

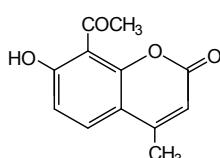


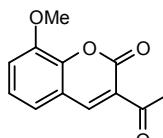
**020583      8-Acetyl-7-hydroxycoumarin, 98%**      25 mg

[6748-68-1]  
C<sub>11</sub>H<sub>8</sub>O<sub>4</sub>  
MW 204.18  
mp 168-170°C  
Light yellow shining powder  
Soluble in chloroform

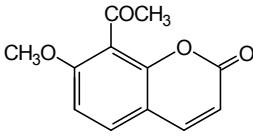


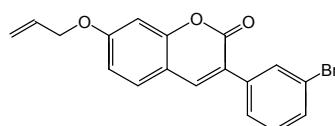
020584	<b>8-Acetyl-6-hydroxy-7-methoxycoumarin, 98%</b> C <sub>12</sub> H <sub>10</sub> O <sub>5</sub> MW 234.21 mp 197-199°C Light yellow shining powder Soluble in ethyl acetate		25 mg
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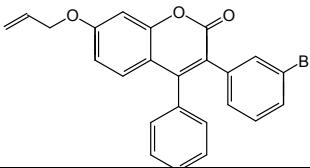
25-004	<b>8-Acetyl-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>12</sub> H <sub>10</sub> O <sub>4</sub> MW 218.21 mp 162-163°C Pale yellow crystalline solid Soluble in chloroform		250 mg 1 gm
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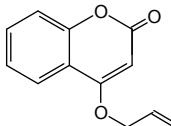
19-665	<b>3-Acetyl-8-methoxycoumarin, 98+%</b> C <sub>12</sub> H <sub>10</sub> O <sub>4</sub> MW 218.21 mp 169.7-171.5°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
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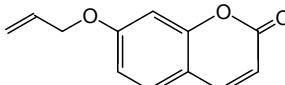


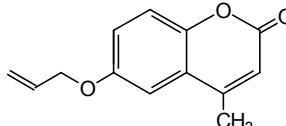
020585	<b>8-Acetyl-7-methoxycoumarin, 98%</b> [89019-07-8] C <sub>12</sub> H <sub>10</sub> O <sub>4</sub> MW 218.21 mp 116.3-117.6°C White fluffy powder Soluble in chloroform : ethylacetate		25 mg
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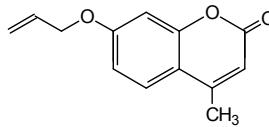
19-355	<b>7-Allyloxy-3(3'-bromophenyl)coumarin, 98%</b> C <sub>18</sub> H <sub>13</sub> BrO <sub>3</sub> MW 357.21 mp 136.2-137.5°C Off white powder Soluble in chloroform		100 mg 250 mg
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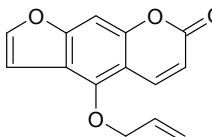
19-356	<b>7-Allyloxy-3(3'-bromophenyl)-4-phenyl coumarin, 98%</b> C <sub>24</sub> H <sub>17</sub> BrO <sub>3</sub> MW 433.31 mp 116.2-117.7°C Cream color shining powder Soluble in chloroform		100 mg 250 mg
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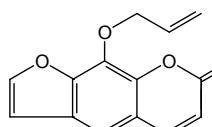
19-294	<b>4-Allyloxycoumarin, 98%</b> C <sub>12</sub> H <sub>10</sub> O <sub>3</sub> MW 202.21 mp 114-115.5°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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19-295	<b>7-Allyloxycoumarin, 98%</b> C <sub>12</sub> H <sub>10</sub> O <sub>3</sub> MW 202.21 mp 83.7-84.8°C Light rose powder Soluble in chloroform		100 mg 250 mg
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19-296	<b>6-Allyloxy-4-methylcoumarin, 98%</b> C <sub>13</sub> H <sub>12</sub> O <sub>3</sub> MW 216.23 mp 72.8-75°C Off white powder Soluble in chloroform		100 mg 250 mg
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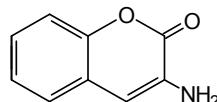
19-297	<b>7-Allyloxy-4-methylcoumarin, 98%</b> [3993-57-5] C <sub>13</sub> H <sub>12</sub> O <sub>3</sub> MW 216.23 mp 104-105°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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19-255	<b>5-Allyloxypsoralen, 98%</b> (Bergaptol allylether) C <sub>14</sub> H <sub>10</sub> O <sub>4</sub> MW 242.23 mp 135-138°C White powder Soluble in chloroform		100 mg 250 mg
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19-227	<b>8-Allyloxypsoralen, 98%</b> C <sub>14</sub> H <sub>10</sub> O <sub>4</sub> MW 242.23 mp 81-82°C Off white fluffy powder Soluble in chloroform		50 mg 100 mg
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**A-104      3-Aminocoumarin, 98%**      250 mg

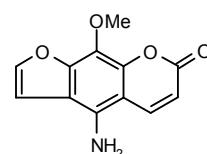
[1635-31-0]  
C<sub>9</sub>H<sub>7</sub>NO<sub>2</sub>  
MW 161.16  
mp 133.5-135°C  
Off white shining plates  
Soluble in chloroform



**19-630      4-Amino-9-methoxy psoralen, 98+%**      25 mg      100 mg

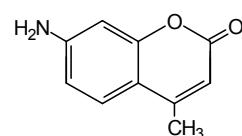


C<sub>12</sub>H<sub>9</sub>NO<sub>4</sub>  
MW 231.21  
mp 237.5-239.5°C  
Yellow fluffy powder  
Soluble in DMF



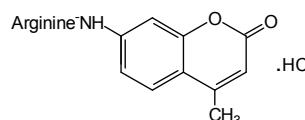
**020547      7-Amino-4-methylcoumarin, 98+%**      250 mg      1 gm

[26093-31-2]  
C<sub>10</sub>H<sub>9</sub>NO<sub>2</sub>  
MW 175.19  
mp 226.5-228.5°C  
Yellow powder  
Soluble in DMF



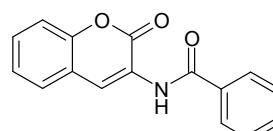
**04-298      L-Arginine-7-amido-4-methylcoumarin dihydrochloride, 98%**      25 mg      100 mg

[69304-16-1]  
C<sub>16</sub>H<sub>21</sub>N<sub>5</sub>O<sub>3</sub> HCl  
MW 367.84  
White powder



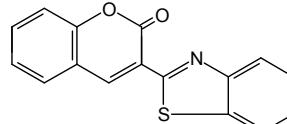
**19-108      3-Benzamidocoumarin, 98%**      25 mg

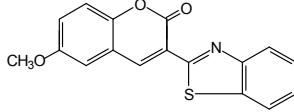
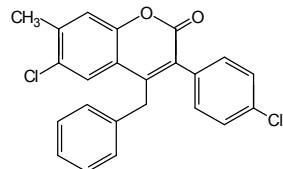
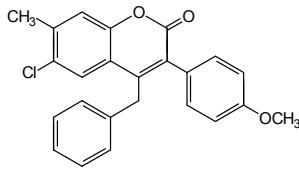
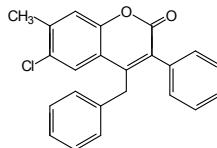
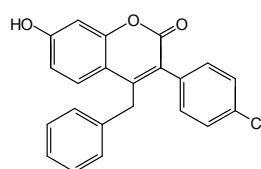
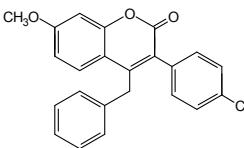
(N-Benzoyl-3-amino coumarin)  
mp 173°C

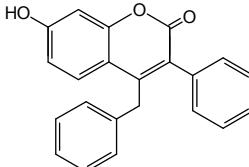


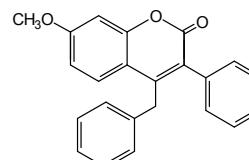
**19-025      3-(2-Benzothiazolyl)coumarin, 98%**      250 mg      1 gm

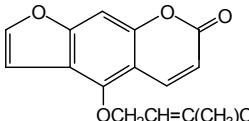
C<sub>16</sub>H<sub>9</sub>N O<sub>2</sub>S  
MW 279.33  
mp 216-217°C  
Yellow fluffy powder  
Freely soluble in DMF



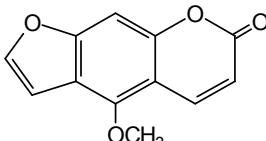
19-026	<b>3-(2-Benzothiazolyl)-6-methoxycoumarin, 98%</b> C <sub>17</sub> H <sub>11</sub> NO <sub>3</sub> S MW 309.36 mp 219-220°C Golden yellow fluffy powder Soluble in DMF, excess of chloroform		250 mg 1 gm
19-256	<b>4-Benzyl-6-chloro-3(4'-chlorophenyl)-7-methylcoumarin, 98%</b> C <sub>23</sub> H <sub>16</sub> Cl <sub>2</sub> O <sub>2</sub> MW 395.29 mp 221-223°C White crystalline powder Soluble in chloroform:methanol (2:1)		100 mg 250 mg
19-257	<b>4-Benzyl-6-chloro-3(4'-methoxyphenyl)-7-methylcoumarin, 98%</b> C <sub>24</sub> H <sub>19</sub> ClO <sub>3</sub> MW 390.86 mp 274-276°C Off white fluffy powder Soluble in chloroform		100 mg 250 mg
19-258	<b>4-Benzyl-6-chloro-7-methyl-3-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>17</sub> ClO <sub>2</sub> MW 360.83 mp 186-187°C White fluffy powder Soluble in chloroform		100 mg 250 mg
19-259	<b>4-Benzyl-3(4'-chlorophenyl)-7-hydroxycoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>3</sub> MW 362.81 mp 214-216°C White crystalline powder Soluble in chloroform		100 mg 250 mg
19-260	<b>4-Benzyl-3(4'-chlorophenyl)-7-methoxycoumarin, 98%</b> C <sub>23</sub> H <sub>17</sub> ClO <sub>3</sub> MW 376.83 mp 170-171°C White crystalline powder Soluble in chloroform		100 mg 250 mg

<b>19-228</b>	<b>4-Benzyl-7-hydroxy-3-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>16</sub> O <sub>3</sub> MW 328.37 mp 241-244°C White powder Soluble in chloroform : methanol (1:1)		100 mg 250 mg
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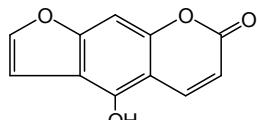
<b>19-229</b>	<b>4-Benzyl-7-methoxy-3-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>18</sub> O <sub>3</sub> MW 342.39 mp 154-155°C Cream color shining crystalline powder Soluble in chloroform		100 mg 250 mg
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<b>19-335</b>	<b>Bergamotin, 98%</b> [7380-40-7] C <sub>21</sub> H <sub>22</sub> O <sub>4</sub> MW 338.40 mp 53-54°C White powder Soluble in chloroform		25 mg
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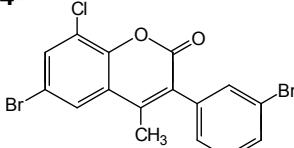
<b>020550S</b>	<b>Bergamotin with HPLC</b>	25 mg
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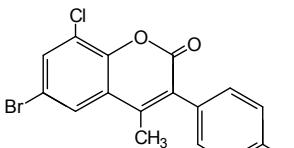
<b>020503</b>	<b>Bergapten, 98%</b> (5-Methoxysoralen) [484-20-8] C <sub>12</sub> H <sub>8</sub> O <sub>4</sub> MW 216.19 mp ~188°C White powder Soluble in chloroform Merck Index 12, 1196		1 gm
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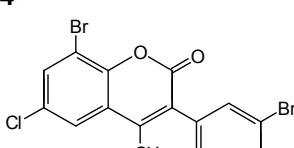
<b>020552S</b>	<b>Bergapten with HPLC</b> mp 188-191°C	25 mg
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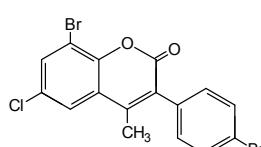
<b>19-230</b>	<b>Bergaptol, 98%</b> [486-60-2] C <sub>11</sub> H <sub>6</sub> O <sub>4</sub> MW 202.17 mp 287-290°C Light green powder Soluble in DMF		100 mg
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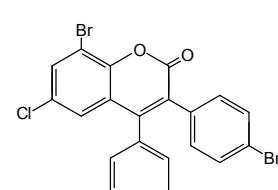
020590S	<b>Bergaptol with HPLC, 100%</b> mp 285-287°C	10 mg
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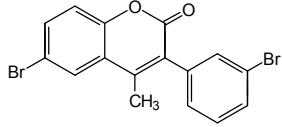
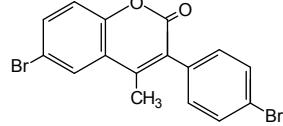
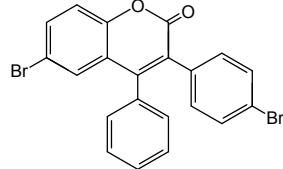
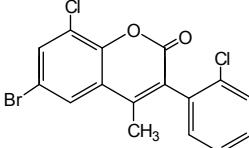
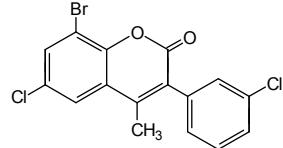
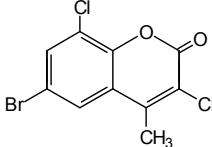
19-357	<b>6-Bromo-3(3'-bromophenyl)-8-chloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Br <sub>2</sub> ClO <sub>2</sub> MW 428.51 mp 199.4-201°C Light wheat colored powder Soluble in chloroform		100 mg 250 mg
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19-214	<b>6-Bromo-3(4'-bromophenyl)-8-chloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Br <sub>2</sub> ClO <sub>2</sub> MW 428.51 mp 257-259°C Cream colored powder Soluble in chloroform		250 mg 1 gm
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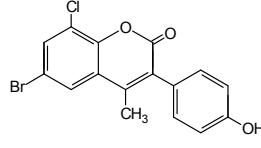
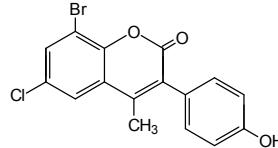
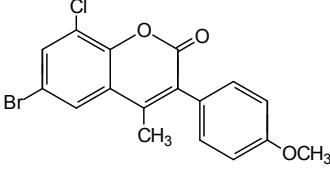
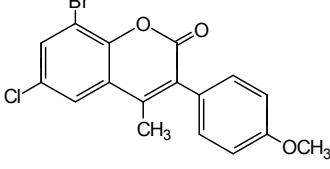
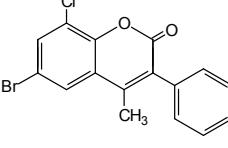
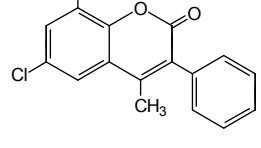
19-358	<b>8-Bromo-3(3'-bromophenyl)-6-chloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Br <sub>2</sub> ClO <sub>2</sub> MW 428.51 mp 170.8-173°C Off white shining powder Soluble in chloroform		100 mg 250 mg
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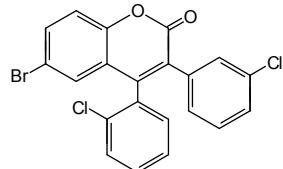
19-213	<b>8-Bromo-3(4'-bromophenyl)-6-chloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Br <sub>2</sub> ClO <sub>2</sub> MW 428.51 mp 258-260°C Cream colored powder Soluble in chloroform		250 mg 1 gm
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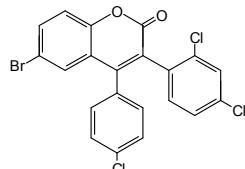
19-231	<b>8-Bromo-3(4'-bromophenyl)-6-chloro-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>11</sub> Br <sub>2</sub> ClO <sub>2</sub> MW 490.58 mp 221-223°C Cream colored shining powder Soluble in chloroform		100 mg 250 mg
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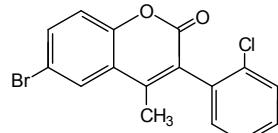
19-359	<b>6-Bromo-3(3'-bromophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Br <sub>2</sub> O <sub>2</sub> MW 394.06 mp 186.5-188°C Light wheat colored powder Soluble in chloroform		100 mg 250 mg
19-001	<b>6-Bromo-3(4'-bromophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Br <sub>2</sub> O <sub>2</sub> MW 394.07 mp 192-194°C Pale white crystalline solid Soluble in DMF, hot acetic acid		250 mg 1 gm
19-215	<b>6-Bromo-3(4'-bromophenyl)-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> Br <sub>2</sub> O <sub>2</sub> MW 456.13 mp 234-237°C Cream colored shining powder Soluble in chloroform		250 mg 1 gm
19-232	<b>6-Bromo-8-chloro-3(2'-chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 384.06 mp 180-181°C Off white fluffy powder Soluble in chloroform		100 mg 250 mg
19-161	<b>8-Bromo-6-chloro-3(3'-chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 384.06 mp 169-171°C Pale yellow powder Soluble in chloroform		250 mg 1 gm
19-233	<b>6-Bromo-8-chloro-3-cyano-4-methylcoumarin, 98%</b> C <sub>11</sub> H <sub>5</sub> BrClNO <sub>2</sub> MW 298.52 mp 256-258°C Off white powder Soluble in DMF		100 mg 250 mg

19-234	<b>8-Bromo-6-chloro-3-cyano-4-methylcoumarin, 98%</b> C <sub>11</sub> H <sub>5</sub> BrClNO <sub>2</sub> MW 298.52 mp 252-254°C White shining powder Soluble in DMF		100 mg 250 mg
19-235	<b>6-Bromo-8-chloro-3(2',4'-dichlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>8</sub> BrCl <sub>3</sub> O <sub>2</sub> MW 418.50 mp 194-196°C Off white powder Soluble in chloroform		100 mg 250 mg
19-179	<b>8-Bromo-6-chloro-3(2',4'-dichlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>8</sub> BrCl <sub>3</sub> O <sub>2</sub> MW 418.50 mp 210.5-213°C Cream colored powder Soluble in chloroform		250 mg 1 gm
19-277	<b>6-Bromo-8-chloro-3(3',4'-dimethoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>14</sub> BrClO <sub>4</sub> MW 409.67 mp 195.9-197.1°C Light yellow powder Soluble in chloroform		100 mg 250 mg
19-739	<b>6-Bromo-8-chloro-4-hydroxycoumarin, 98%</b> C <sub>9</sub> H <sub>4</sub> BrClO <sub>3</sub> MW 275.49 mp 295°C (dec) Off white powder Soluble in DMF		100 mg 250 mg
19-740	<b>8-Bromo-6-chloro-4-hydroxycoumarin, 98%</b> C <sub>9</sub> H <sub>4</sub> BrClO <sub>3</sub> MW 275.49 mp 300°C (dec) Off white powder Soluble in DMF		100 mg 250 mg

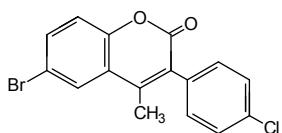
19-237	<b>6-Bromo-8-chloro-3(4'-hydroxyphenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>3</sub> MW 365.61 mp 225-226°C Cream colored powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
19-238	<b>8-Bromo-6-chloro-3(4'-hydroxyphenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>3</sub> MW 365.61 mp 232-233°C White fluffy powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
19-182	<b>6-Bromo-8-chloro-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> BrClO <sub>3</sub> MW 379.63 mp 167.2-169°C Light yellow shining powder Soluble in chloroform		250 mg 1 gm
19-183	<b>8-Bromo-6-chloro-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> BrClO <sub>3</sub> MW 379.63 mp 184-185°C Cream colored shining powder Soluble in chloroform		250 mg 1 gm
19-239	<b>6-Bromo-8-chloro-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 147-149°C Brownish colored powder Soluble in chloroform		100 mg 250 mg
19-184	<b>8-Bromo-6-chloro-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 155.2-156.5°C Light yellow shining powder Soluble in chloroform		250 mg 1 gm

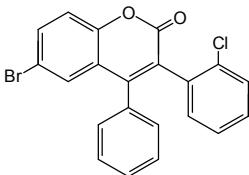
19-165	<b>6-Bromo-3(3'-chlorophenyl)-4(2'-chlorophenyl)coumarin, 98%</b> C <sub>21</sub> H <sub>11</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 446.13      mp 150-151°C White fluffy powder Soluble in chloroform		250 mg 1 gm
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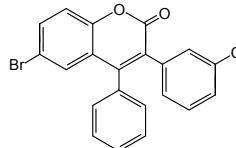
19-110	<b>6-Bromo-4(4'-chlorophenyl)3-(2',4'-dichlorophenyl)coumarin, 98%</b> C <sub>21</sub> H <sub>10</sub> BrCl <sub>3</sub> O <sub>2</sub> MW 480.57 mp 205-207°C White crystalline powder Soluble in chloroform		250 mg 1 gm
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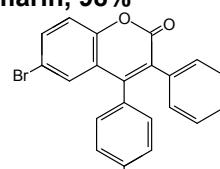
19-111	<b>6-Bromo-3(2'-chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 203-207°C Cream colored crystalline powder Soluble in chloroform		250 mg 1 gm
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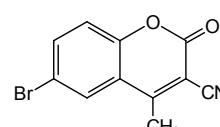
19-166	<b>6-Bromo-3(3'-chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 172-173°C Off white powder Soluble in chloroform		250 mg 1 gm
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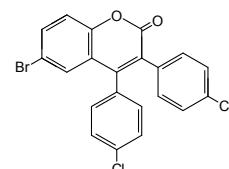
19-002	<b>6-Bromo-3(4'-chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 217-219°C Pale yellow crystalline solid Soluble in DMF		250 mg 1 gm
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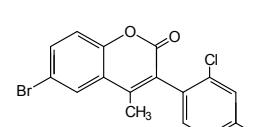
19-112	<b>6-Bromo-3(2'-chlorophenyl)-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> BrClO <sub>2</sub> MW 411.67      mp 207-209°C Off white powder Soluble in chloroform		250 mg 1 gm
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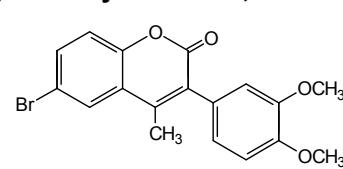
19-185	<b>6-Bromo-3(3'-chlorophenyl)-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> BrClO <sub>2</sub> MW 411.67 mp 196.5-198.2°C Off white shining powder Soluble in chloroform		250 mg 1 gm
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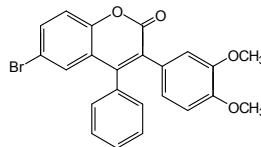
19-047	<b>6-Bromo-4(4'-chlorophenyl)-3-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> BrClO <sub>2</sub> MW 411.67 mp 200-202°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
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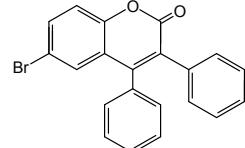
17-023	<b>6-Bromo-3-cyano-4-methylcoumarin, 98%</b> [56394-22-0] C <sub>11</sub> H <sub>6</sub> BrNO <sub>2</sub> MW 264.18 mp 185-191°C Yellowish orange solid Soluble in chloroform		250 mg 1 gm
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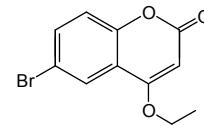
19-048	<b>6-Bromo-3,4-di(4'-chlorophenyl)coumarin, 98%</b> C <sub>21</sub> H <sub>11</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 446.13 mp 218-221°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
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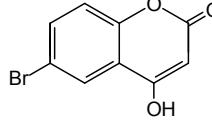
19-084	<b>6-Bromo-3(2',4'-dichlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 384.06 mp 192-194°C Wheat color powder Soluble in chloroform		250 mg 1 gm
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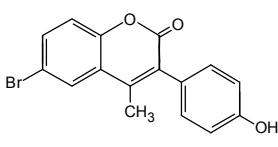
19-278	<b>6-Bromo-3(3',4'-dimethoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> BrO <sub>4</sub> MW 375.22 mp 182-183.2°C Off white powder Soluble in chloroform		100 mg 250 mg
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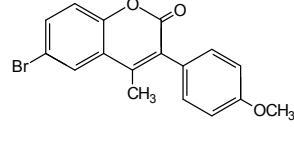
19-279	<b>6-Bromo-3(3',4'-dimethoxyphenyl)-4-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>17</sub> BrO <sub>4</sub> MW 437.29 mp 176.9-178.5°C Pale yellow shining powder Soluble in chloroform		100 mg 250 mg
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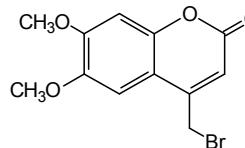
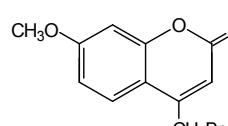
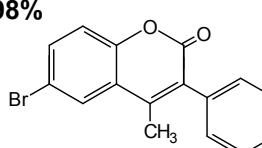
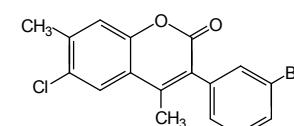
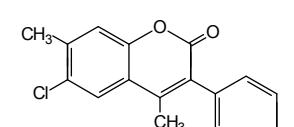
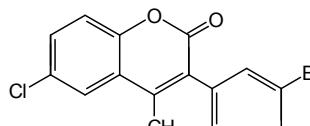
19-085	<b>6-Bromo-3,4-diphenylcoumarin, 98%</b> C <sub>21</sub> H <sub>13</sub> BrO <sub>2</sub> MW 269.13 mp 161-163°C Wheat color powder Soluble in chloroform		250 mg 1 gm
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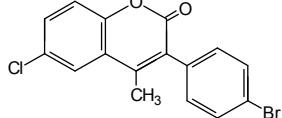
19-317	<b>6-Bromo-4-ethoxycoumarin, 98%</b> C <sub>11</sub> H <sub>9</sub> BrO <sub>3</sub> MW 269.10 mp 184-185°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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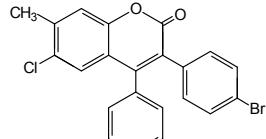
17-027	<b>6-Bromo-4-hydroxycoumarin, 99%</b> [4139-61-1] C <sub>9</sub> H <sub>6</sub> BrO <sub>3</sub> MW 241.05 mp 285-287.6°C White fluffy powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
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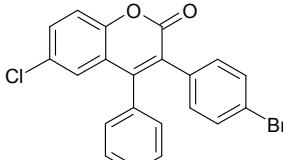
19-240	<b>6-Bromo-3(4'-hydroxyphenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>3</sub> MW 331.17 mp 303-305°C Off white powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
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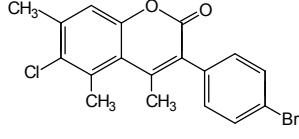
19-056	<b>6-Bromo-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>3</sub> MW 345.19 mp 164-166°C Pale yellow crystalline powder Soluble in chloroform		250 mg 1 gm
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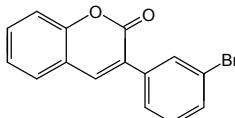
19-412	<b>4-Bromomethyl-6,7-dimethoxycoumarin, 98%</b> [88404-25-5] C <sub>12</sub> H <sub>11</sub> BrO <sub>4</sub> MW 299.12 mp 211-213°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
19-860	<b>4-Bromomethyl-7-methoxycoumarin, 98%</b> [35231-44-8] C <sub>11</sub> H <sub>9</sub> O <sub>3</sub> Br MW 269.10 mp 215-216°C White fluffy powder Soluble in chloroform		1 gm
17-033	<b>6-Bromo-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>2</sub> MW 315.17 mp 186-188°C Light Yellow Crystalline Solid Soluble in chloroform		250 mg 1 gm
19-321	<b>3(3'-Bromophenyl)-6-chloro-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> BrClO <sub>2</sub> MW 363.64 mp 189-190°C Light yellow powder Soluble in chloroform		100 mg 250 mg
19-004	<b>3(4'-Bromophenyl)-6-chloro-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> BrClO <sub>2</sub> MW 363.63 mp 192-193°C Pale yellow crystalline solid Soluble in DMF, hot acetic acid		250 mg 1 gm
19-336	<b>3(3'-Bromophenyl)-6-chloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 183-184°C Off white powder Soluble in chloroform		100 mg 250 mg

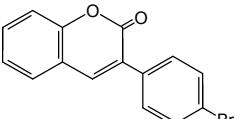
19-005	<b>3(4'-Bromophenyl)-6-chloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 185-186°C Yellow crystalline solid Soluble in DMF, hot acetic acid		250 mg 1 gm
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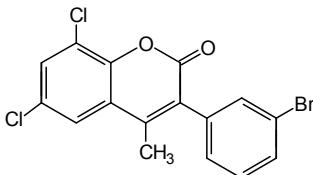
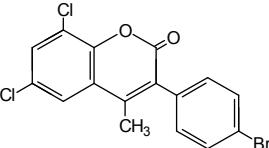
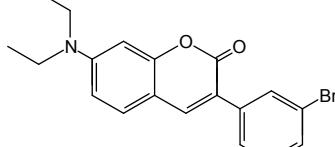
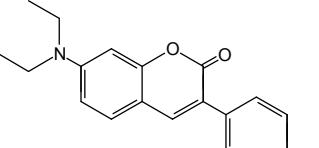
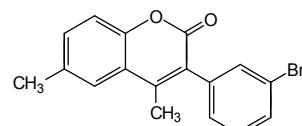
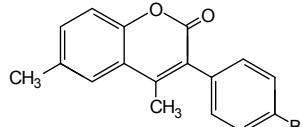
19-216	<b>3(4'-Bromophenyl)-6-chloro-7-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>14</sub> BrClO <sub>2</sub> MW 425.70 mp 211-213°C Cream colored shining powder Soluble in chloroform		250 mg 1 gm
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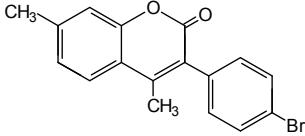
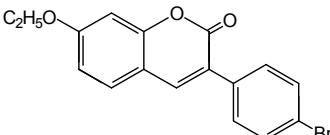
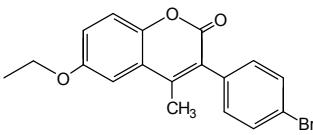
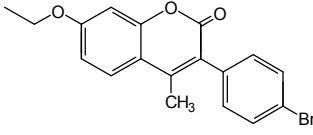
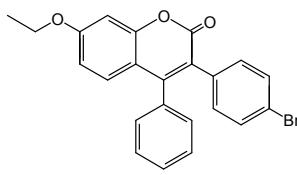
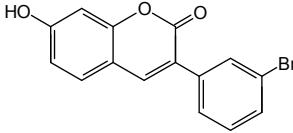
19-217	<b>3(4'-Bromophenyl)-6-chloro-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> BrClO <sub>2</sub> MW 411.67 mp 204-206°C Cream colored shining powder Soluble in chloroform		250 mg 1 gm
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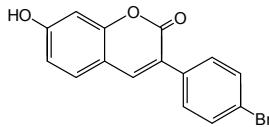
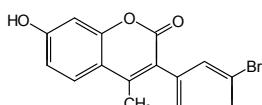
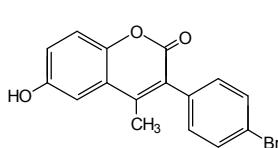
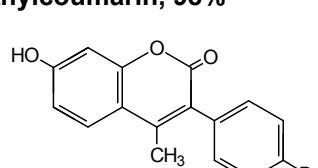
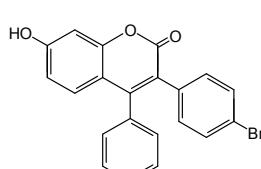
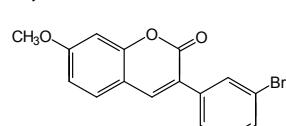
19-390	<b>3(4'-Bromophenyl)-6-chloro-4,5,7-trimethylcoumarin, 98%</b> C <sub>18</sub> H <sub>14</sub> BrClO <sub>2</sub> MW 377.67 mp 167-169°C Pale green colored powder Soluble in chloroform		100 mg 250 mg
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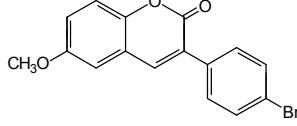
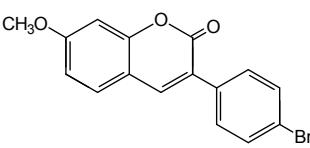
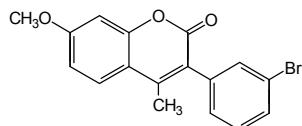
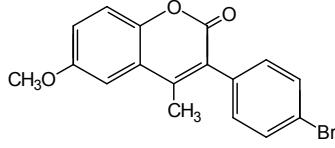
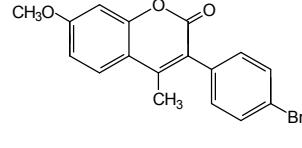
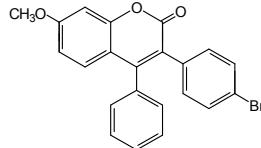
19-337	<b>3(3'-Bromophenyl)coumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> BrO <sub>2</sub> MW 301.14 mp 181-182°C Off white powder Soluble in chloroform		100 mg 250 mg
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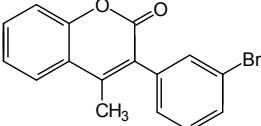
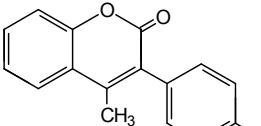
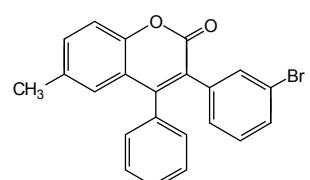
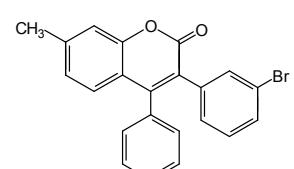
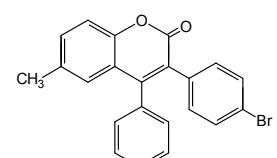
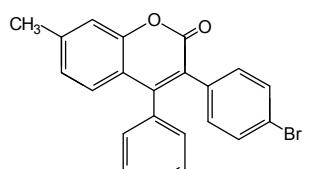
19-003	<b>3(4'-Bromophenyl)coumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> BrO <sub>2</sub> MW 301.14 mp 193.5-194.5°C Pale white shining fluffy powder Soluble in DMF, excess of acetone		250 mg 1 gm
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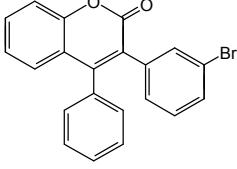
19-360	<b>3(3'-Bromophenyl)-6,8-dichloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 384.06 mp 180.3-182°C Off white powder Soluble in chloroform		100 mg 250 mg
19-006	<b>3(4'-Bromophenyl)-6,8-dichloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 384.06 mp 232-233°C Pale yellow crystalline solid Soluble in DMF, hot acetic acid		250 mg 1 gm
19-460	<b>3(3'-Bromophenyl)-7-diethylamino-coumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> BrNO <sub>2</sub> MW 372.26 mp 137.8-139.8°C Light orange powder Soluble in chloroform		100 mg 250 mg
19-461	<b>3(4'-Bromophenyl)-7-diethylamino-coumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> BrNO <sub>2</sub> MW 372.26 mp 158-160°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
19-361	<b>3(3'-Bromophenyl)-4,6-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>2</sub> MW 329.20 mp 161.6-163.1°C Off white shining powder Soluble in chloroform		100 mg 250 mg
19-218	<b>3(4'-Bromophenyl)-4,6-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>2</sub> MW 329.19 mp 155-157°C Dark yellow shining powder Soluble in chloroform		250 mg 1 gm

19-219	<b>3(4'-Bromophenyl)-4,7-dimethyl coumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>2</sub> MW 329.19 mp 186-188°C Light cream fluffy powder Soluble in chloroform		250 mg 1 gm
19-220	<b>3(4'-Bromophenyl)-7-ethoxy coumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>3</sub> MW 345.19 mp 197-199°C White fluffy powder Soluble in chloroform		250 mg 1 gm
19-241	<b>3(4'-Bromophenyl)-6-ethoxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> BrO <sub>3</sub> MW 359.22 mp 161-163°C Light yellow crystalline powder Soluble in chloroform		100 mg 250 mg
19-242	<b>3(4'-Bromophenyl)-7-ethoxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> BrO <sub>3</sub> MW 359.22 mp 157-159°C White fluffy powder Soluble in chloroform		100 mg 250 mg
19-243	<b>3(4'-Bromophenyl)-7-ethoxy-4-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>17</sub> BrO <sub>3</sub> MW 421.28 mp 183-184°C Light yellow powder Soluble in chloroform		100 mg 250 mg
19-362	<b>3(3'-Bromophenyl)-7-hydroxycoumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> BrO <sub>3</sub> MW 317.14 mp 232.3-234°C White fluffy powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg

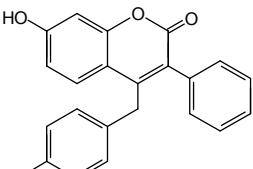
19-244	<b>3(4'-Bromophenyl)-7-hydroxycoumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> BrO <sub>3</sub> MW 317.14 mp 266-268°C Light yellow powder Soluble in DMF		100 mg 250 mg
19-363	<b>3(3'-Bromophenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>3</sub> MW 331.17 mp 272-274°C White powder Soluble in chloroform:methanol (2:1)		100 mg 250 mg
19-245	<b>3(4'-Bromophenyl)-6-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>3</sub> MW 331.17 mp 269-270°C Wheat colored shining powder Soluble in DMF		100 mg 250 mg
19-007	<b>3(4'-Bromophenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>3</sub> MW 331.17 mp 260-262°C Light yellow crystalline powder Soluble in acetone		250 mg 1 gm
19-246	<b>3(4'-Bromophenyl)-7-hydroxy-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>13</sub> BrO <sub>3</sub> MW 393.23 mp 300-302°C Yellow powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
19-364	<b>3(3'-Bromophenyl)-7-methoxycoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>3</sub> MW 331.17 mp 162.5-163.6°C White fluffy Powder Soluble in chloroform		100 mg 250 mg

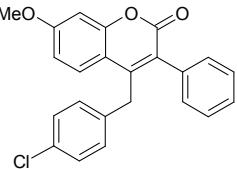
19-008	<b>3(4'-Bromophenyl)-6-methoxycoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>3</sub> MW 331.17 mp 196-198°C White fluffy powder Soluble in DMF, acetone		250 mg 1 gm
19-221	<b>3(4'-Bromophenyl)-7-methoxycoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>3</sub> MW 331.17 mp 182-184°C Off white fluffy powder Soluble in chloroform		250 mg 1 gm
19-365	<b>3(3'-Bromophenyl)-7-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>3</sub> MW 345.20 mp 149.2-150.8°C Dull White powder Soluble in chloroform		100 mg 250 mg
19-247	<b>3(4'-Bromophenyl)-6-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>3</sub> MW 345.19 mp 180-182°C Light yellow shining powder Soluble in chloroform		100 mg 250 mg
19-009	<b>3(4'-Bromophenyl)-7-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>3</sub> MW 345.19 mp 173-175°C White fluffy powder Soluble in chloroform, ethyl acetate		250 mg 1 gm
19-010	<b>3(4'-Bromophenyl)-7-methoxy-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> BrO <sub>3</sub> MW 407.26 mp 202-203°C Yellow powder Soluble slightly in acetone		250 mg 1 gm

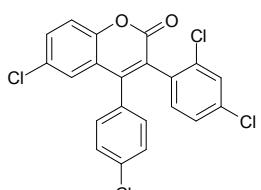
19-338	<b>3(3'-Bromophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>2</sub> MW 315.17 mp 158-160°C Pale yellow powder Soluble in chloroform		100 mg 250 mg
19-222	<b>3(4'-Bromophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>2</sub> MW 315.17 mp 158-160°C Light cream shining powder Soluble in chloroform		250 mg 1 gm
19-366	<b>3(3'-Bromophenyl)-6-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> BrO <sub>2</sub> MW 391.27 mp 204-205.8°C White powder Soluble in chloroform		100 mg 250 mg
19-367	<b>3(3'-Bromophenyl)-7-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> BrO <sub>2</sub> MW 391.27 mp 204.3-206.8°C Cream colored shining powder Soluble in chloroform		100 mg 250 mg
19-248	<b>3(4'-Bromophenyl)-6-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> BrO <sub>2</sub> MW 391.27 mp 210-212°C Light yellow powder Soluble in chloroform		100 mg 250 mg
19-223	<b>3(4'-Bromophenyl)-7-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> BrO <sub>2</sub> MW 391.27 mp 232-233°C Off white shining powder Soluble in chloroform		250 mg 1 gm

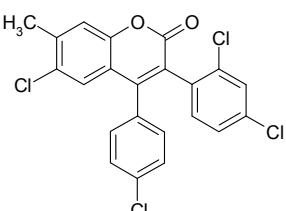
19-368	<b>3(3'-Bromophenyl)-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>13</sub> BrO <sub>2</sub> MW 377.24 mp 210.5-214°C Cream colored shining powder Soluble in chloroform		100 mg 250 mg
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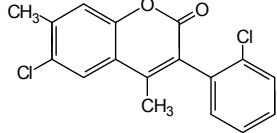
*3-Carboxy-7-hydroxycoumarin:* See 19-146  
*7-Hydroxycoumarin-3-carboxylic acid*

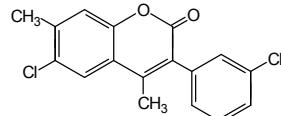
19-261	<b>4(4'-Chlorobenzyl)-7-hydroxy-3-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>3</sub> MW 362.81 mp 268-270°C White powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
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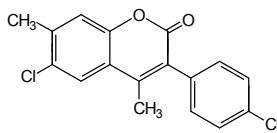
19-262	<b>4(4'-Chlorobenzyl)-7-methoxy-3-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>17</sub> ClO <sub>3</sub> MW 376.83 mp 189-190°C White powder Soluble in chloroform		100 mg 250 mg
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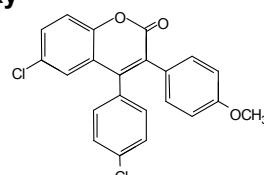
19-113	<b>6-Chloro-4(4'-chlorophenyl)-3(2',4'-dichlorophenyl)coumarin, 98%</b> C <sub>21</sub> H <sub>10</sub> Cl <sub>4</sub> O <sub>2</sub> MW 436.12 mp 223-224°C White crystalline powder Soluble in chloroform		250 mg 1 gm
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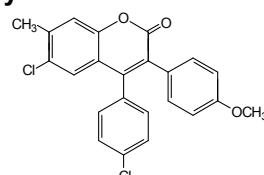
19-114	<b>6-Chloro-4(4'-chlorophenyl)-3-(2',4'-dichlorophenyl)-7-methylcoumarin, 98%</b> C <sub>22</sub> H <sub>12</sub> Cl <sub>4</sub> O <sub>2</sub> MW 450.14 mp 193-195°C Off white powder Soluble in chloroform		250 mg 1 gm
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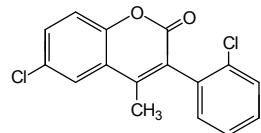
19-115	<b>6-Chloro-3(2'-chlorophenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 319.19 mp 197-200°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
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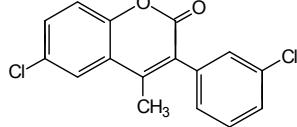
19-168	<b>6-Chloro-3(3'-chlorophenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 319.19 mp 183-184°C Cream colored shining powder Soluble in chloroform		250 mg 1 gm
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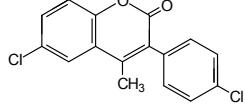
19-011	<b>6-Chloro-3(4'-chlorophenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 319.19 mp 171-172°C Pale yellow crystalline solid Soluble in DMF, boiling acetic acid		250 mg 1 gm
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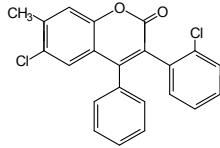
19-057	<b>6-Chloro-4(4'-chlorophenyl)-3(4'-methoxy-phenyl)coumarin, 98%</b> C <sub>22</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>3</sub> MW 397.26 mp 176-178°C Light yellow crystalline powder Soluble in chloroform		250 mg 1 gm
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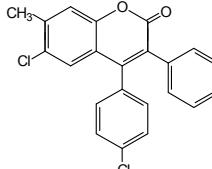
19-058	<b>6-Chloro-4(4'-chlorophenyl)-3(4'-methoxy-phenyl)-7-methylcoumarin, 97%</b> C <sub>23</sub> H <sub>16</sub> Cl <sub>2</sub> O <sub>3</sub> MW 411.29 mp 197-198°C Pale white powder Soluble in chloroform		250 mg 1 gm
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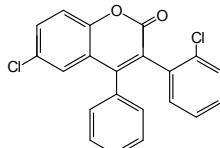
19-116	<b>6-Chloro-3(2'-chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17 mp 206-208°C Cream colored crystalline powder Soluble in chloroform		250 mg 1 gm
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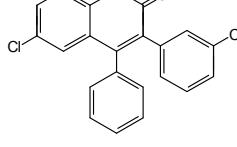
19-169	<b>6-Chloro-3(3'-chlorophenyl)-4-methyl coumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17      mp 175°C Light yellow shining powder Soluble in chloroform		250 mg 1 gm
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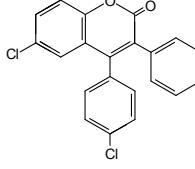
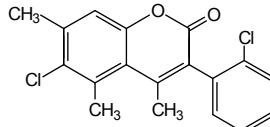
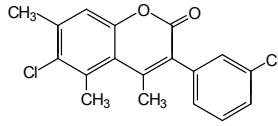
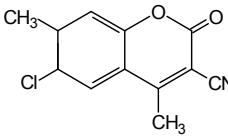
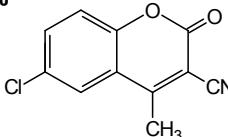
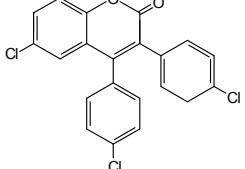
19-012	<b>6-Chloro-3(4'-chlorophenyl)-4-methyl coumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17      mp 219-221°C Light yellow crystalline solid Soluble in DMF		250 mg 1 gm
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19-117	<b>6-Chloro-3(2'-chlorophenyl)-7-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>2</sub> MW 381.26      mp 186-190°C White fluffy powder Soluble in chloroform		250 mg 1 gm
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19-049	<b>6-Chloro-4(4'-chlorophenyl)-7-methyl-3-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>2</sub> MW 381.26      mp 212-214°C White crystalline powder Soluble in excess of chloroform, ethyl acetate		250 mg 1 gm
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19-118	<b>6-Chloro-3(2'-chlorophenyl)-4-phenyl coumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 367.23      mp 208-210°C Pale cream crystalline powder Soluble in chloroform		250 mg 1 gm
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19-186	<b>6-Chloro-3(3'-chlorophenyl)-4-phenyl coumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 367.23      mp 188-189.5°C Cream colored shining powder Soluble in chloroform		250 mg 1 gm
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19-050	<b>6-Chloro-4(4'-chlorophenyl)-3-phenyl coumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 367.23 mp 182-183°C White crystalline powder Freely soluble in chloroform		250 mg 1 gm
19-391	<b>6-Chloro-3(2'-chlorophenyl)-4,5,7-trimethylcoumarin, 98%</b> C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>2</sub> MW 333.22 mp 203-205°C Cream colored powder Clear solution in chloroform		100 mg 250 mg
19-392	<b>6-Chloro-3(3'-chlorophenyl)-4,5,7-trimethylcoumarin, 98%</b> C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>2</sub> MW 333.22 mp 192-194°C Cream colored powder Clear solution in chloroform		100 mg 250 mg
17-046	<b>6-Chloro-3-cyano-4,7-dimethylcoumarin, 98%</b> C <sub>12</sub> H <sub>8</sub> CINO <sub>2</sub> MW 233.65 mp 230-235°C Light yellow solid Soluble in chloroform		250 mg 1 gm
17-048	<b>6-Chloro-3-cyano-4-methylcoumarin, 98%</b> C <sub>11</sub> H <sub>6</sub> CINO <sub>2</sub> MW 219.63 mp 184-190°C Light yellow solid Soluble in chloroform, benzene, ethyl acetate		250 mg 1 gm
19-027	<b>6-Chloro-3,4-di(4'-chlorophenyl)coumarin, 98%</b> C <sub>21</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> MW 401.68 mp 221-223°C Light yellow crystalline powder Soluble in chloroform, ethyl acetate		250 mg 1 gm

19-086	<b>6-Chloro-3(2',4'-dichlorophenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> MW 353.64      mp 227-229°C Pale cream powder Soluble in chloroform		250 mg 1 gm
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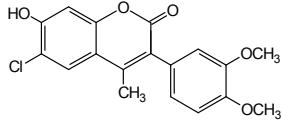
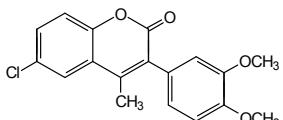
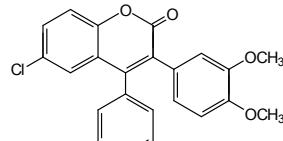
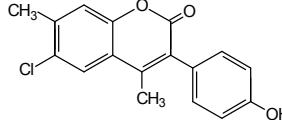
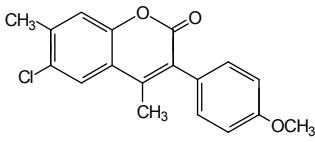
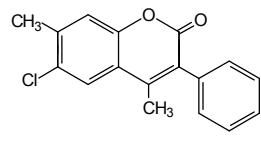
19-119	<b>6-Chloro-3(2',4'-dichlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Cl <sub>3</sub> O <sub>2</sub> MW 339.61      mp 205-207°C Off white fluffy powder Soluble in chloroform		250 mg 1 gm
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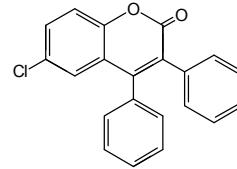
19-051	<b>6-Chloro-3,4-di(4'-chlorophenyl)-7-methylcoumarin, 98%</b> C <sub>22</sub> H <sub>13</sub> Cl <sub>3</sub> O <sub>2</sub> MW 415.70 mp 205-208°C Off white crystalline powder Freely soluble in chloroform		250 mg 1 gm
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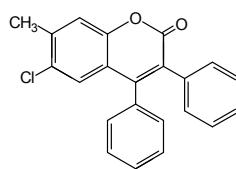
19-087	<b>6-Chloro-3(2',4'-dichlorophenyl)-7-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>13</sub> Cl <sub>3</sub> O <sub>2</sub> MW 415.70 mp 253-254°C Off white powder Soluble in chloroform		250 mg 1 gm
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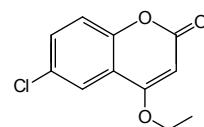
19-088	<b>6-Chloro-3(2',4'-dichlorophenyl)-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> MW 401.68 mp 229-230°C Pale white crystalline powder Soluble in chloroform		250 mg 1 gm
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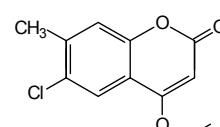
19-263	<b>6-Chloro-3(3',4'-dimethoxyphenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>19</sub> H <sub>17</sub> ClO <sub>4</sub> MW 344.79 mp 201-202°C Off white crystalline powder Soluble in chloroform		100 mg 250 mg
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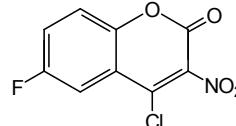
19-414	<b>6-Chloro-3(3',4'-dimethoxyphenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> ClO <sub>5</sub> MW 346.77 mp 245-247°C Yellow crystalline powder Soluble in DMF		100 mg 250 mg
19-264	<b>6-Chloro-3(3',4'-dimethoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> ClO <sub>4</sub> MW 330.77 mp 181-183°C Wheat colored shining powder Soluble in chloroform		100 mg 250 mg
19-280	<b>6-Chloro-3(3',4'-dimethoxyphenyl)-4-phenylcoumarin 98%</b> C <sub>23</sub> H <sub>17</sub> ClO <sub>4</sub> MW 392.84 mp 168.3-169.8°C Pale yellow shining powder Soluble in chloroform		100 mg 250 mg
19-249	<b>6-Chloro-4,7-dimethyl-3(4'-hydroxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 239-241°C Off white powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
19-028	<b>6-Chloro-4,7-dimethyl-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> ClO <sub>3</sub> MW 314.77 mp 184-186°C Soluble in chloroform White powder		250 mg 1 gm
17-050	<b>6-Chloro-4,7-dimethyl-3-phenylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 184.5-185.5°C Pale white crystalline solid Soluble in chloroform, benzene, ethyl acetate		250 mg 1 gm

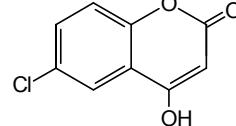
19-059	<b>6-Chloro-3,4-diphenylcoumarin, 97%</b> C <sub>21</sub> H <sub>13</sub> ClO <sub>2</sub> MW 332.78 mp 165-167°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
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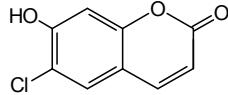
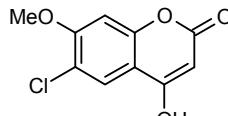
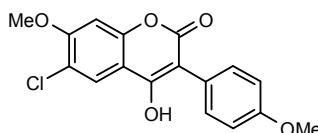
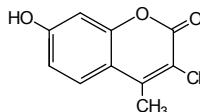
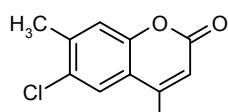
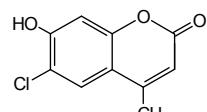
19-060	<b>6-Chloro-3,4-diphenyl-7-methylcoumarin, 97%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>2</sub> MW 346.81 mp 178-180°C Pale cream crystalline powder Soluble in chloroform		250 mg 1 gm
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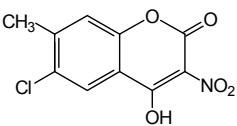
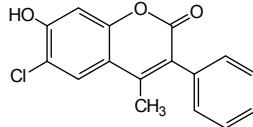
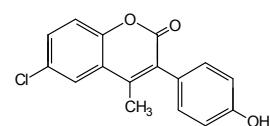
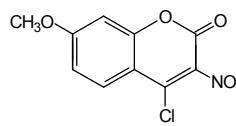
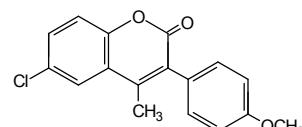
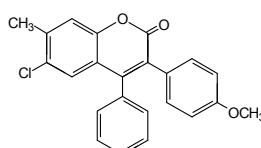
19-324	<b>6-Chloro-4-ethoxycoumarin, 98%</b> C <sub>11</sub> H <sub>9</sub> ClO <sub>3</sub> MW 224.65 mp 179-180°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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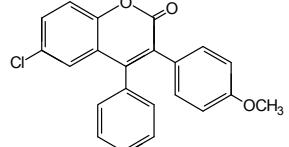
19-325	<b>6-Chloro-4-ethoxy-7-methylcoumarin, 98%</b> C <sub>12</sub> H <sub>11</sub> ClO <sub>3</sub> MW 238.67 mp 199-200°C White powder Soluble in chloroform		100 mg 250 mg
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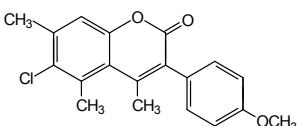
19-401	<b>4-Chloro-6-fluoro-3-nitrocoumarin, 98%</b> C <sub>9</sub> H <sub>3</sub> ClFNO <sub>4</sub> MW 243.58 mp 150-152°C Light yellow crystalline shining powder Soluble in chloroform		250 mg 1 gm
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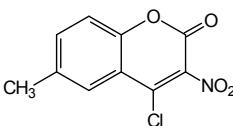
17-054	<b>6-Chloro-4-hydroxycoumarin, 98%</b> [19484-57-2] C <sub>9</sub> H <sub>5</sub> ClO <sub>3</sub> MW 196.59 mp 287-288°C White powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
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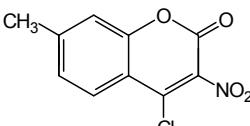
19-415	<b>6-Chloro-7-hydroxycoumarin, 98%</b> C <sub>9</sub> H <sub>5</sub> ClO <sub>3</sub> MW 196.59 mp 275-277°C Off white fluffy powder Soluble in DMF		100 mg 250 mg
19-741	<b>6-Chloro-4-hydroxy-7-methoxycoumarin, 99%</b> C <sub>10</sub> H <sub>7</sub> ClO <sub>4</sub> MW 226.62 mp 302°C (dec) White fluffy powder Soluble in DMF		100 mg 250 mg
19-760	<b>6-Chloro-4-hydroxy-7-methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>5</sub> MW 332.74 mp 285-287.5°C White powder Soluble in DMF		25 mg 50 mg
23-004	<b>3-Chloro-7-hydroxy-4-methylcoumarin, 98%</b> [6174-86-3] C <sub>10</sub> H <sub>7</sub> ClO <sub>3</sub> MW 210.62 mp 241.2-244°C Cream color powder Soluble in chloroform : methanol (2:1)		250 mg
19-722	<b>6-Chloro-4-hydroxy-7-methylcoumarin, 98%</b> C <sub>10</sub> H <sub>7</sub> ClO <sub>3</sub> MW 210.62 mp 266-268.8°C White fluffy powder Soluble in chloroform : methanol (1:1)		100 mg 250 mg
19-416	<b>6-Chloro-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>10</sub> H <sub>7</sub> ClO <sub>3</sub> MW 210.62 mp 288-290°C White crystalline powder Soluble in DMF		100 mg 250 mg

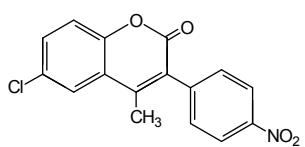
19-340	<b>6-Chloro-4-hydroxy-7-methyl-3-nitrocoumarin, 98%</b> C <sub>10</sub> H <sub>6</sub> CINO <sub>5</sub> MW 255.62 mp 181-183°C Yellow powder Soluble in chloroform		100 mg 250 mg
19-417	<b>6-Chloro-7-hydroxy-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 291-293°C White fluffy powder Soluble in DMF		100 mg 250 mg
19-250	<b>6-Chloro-3(4'-hydroxyphenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 307-308°C Off white powder Soluble in DMF		100 mg 250 mg
19-341	<b>4-Chloro-7-methoxy-3-nitrocoumarin, 98%</b> C <sub>10</sub> H <sub>6</sub> CINO <sub>5</sub> MW 255.62 mp 159-161°C Yellow fluffy powder Soluble in chloroform:methanol (9:1)		100 mg 250 mg
19-029	<b>6-Chloro-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 190-194°C Off white powder Soluble in chloroform		250 mg 1 gm
19-063	<b>6-Chloro-3(4'-methoxyphenyl)-7-methyl-4-phenylcoumarin, 97%</b> C <sub>23</sub> H <sub>17</sub> ClO <sub>3</sub> MW 376.83 mp 193-195°C Light cream crystalline powder Soluble in chloroform		250 mg 1 gm

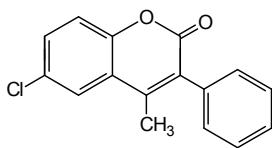
19-064	<b>6-Chloro-3(4'-methoxyphenyl)-4-phenylcoumarin, 97%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>3</sub> MW 362.81 mp 194-196°C Light cream crystalline powder Soluble in chloroform		250 mg 1 gm
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19-397	<b>6-Chloro-3(4'-methoxyphenyl)-4,5,7-trimethylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>3</sub> MW 328.80 mp 167.8-169.2°C Cream colored shining powder Soluble in chloroform		100 mg 250 mg
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19-342	<b>4-Chloro-6-methyl-3-nitrocoumarin, 98%</b> C <sub>10</sub> H <sub>6</sub> CINO <sub>4</sub> MW 239.62 mp 159-161°C Off white shining powder Soluble in chloroform		100 mg 250 mg
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19-343	<b>4-Chloro-7-methyl-3-nitrocoumarin, 98%</b> C <sub>10</sub> H <sub>6</sub> CINO <sub>4</sub> MW 239.62 mp 191-192°C Off white shining powder Soluble in chloroform		100 mg 250 mg
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19-065	<b>6-Chloro-4-methyl-3(4'-nitrophenyl)coumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> CINO <sub>4</sub> MW 315.72 mp 256-257°C Yellow powder Soluble in chloroform		250 mg 1 gm
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17-070	<b>6-Chloro-4-methyl-3-phenylcoumarin, 97%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.71 mp 195-196°C White crystalline solid Soluble in chloroform		250 mg 1 gm
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19-267	<b>8-Chloro-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 218-219°C White powder Soluble in chloroform		100 mg 250 mg
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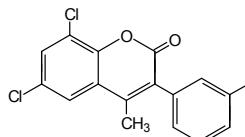
19-143	<b>4-Chloro-3-nitrocoumarin, 98%</b> [38464-20-9] C <sub>9</sub> H <sub>7</sub> ClNO <sub>4</sub> MW 225.59 mp 161-163.5°C Yellow powder Soluble in chloroform		250 mg 1 gm
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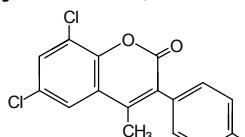
19-120	<b>3(2'-Chlorophenyl)coumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>2</sub> MW 256.69 mp 138-140°C Wheat colored powder Soluble in chloroform		250 mg 1 gm
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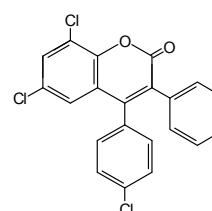
19-171	<b>3(3'-Chlorophenyl)coumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>2</sub> MW 256.69 mp 179-180°C Wheat colored powder Soluble in chloroform		250 mg 1 gm
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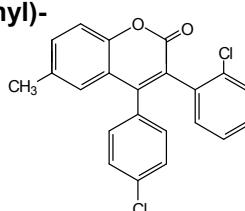
17-073	<b>3(4'-Chlorophenyl)coumarin, 97%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>2</sub> MW 256.69 mp 189-190.5°C Pale white crystalline solid Soluble in chloroform		250 mg 1 gm
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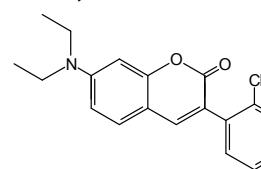
19-121	<b>3(2'-Chlorophenyl)-6,8-dichloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Cl <sub>3</sub> O <sub>2</sub> MW 339.61 mp 175-178°C Pale cream crystalline powder Soluble in chloroform		250 mg 1 gm
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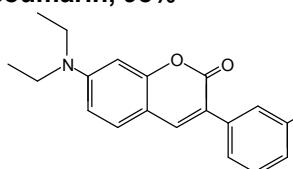
19-172	<b>3(3'-Chlorophenyl)-6,8-dichloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Cl <sub>3</sub> O <sub>2</sub> MW 339.61 mp 163-164°C Dark cream colored powder Soluble in chloroform		250 mg 1 gm
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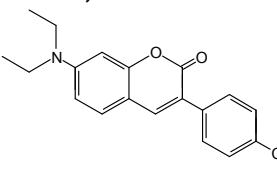
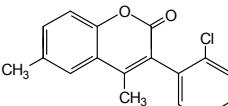
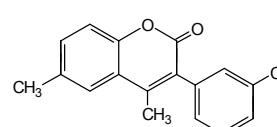
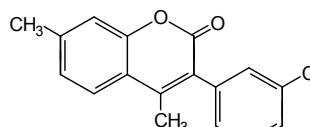
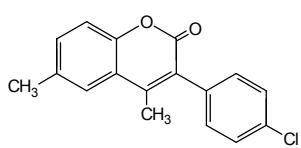
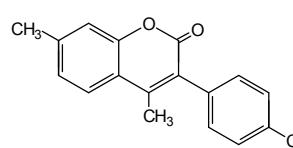
19-013	<b>3(4'-Chlorophenyl)-6,8-dichloro-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>9</sub> Cl <sub>3</sub> O <sub>2</sub> MW 339.61 mp 215-217°C Pale yellow crystalline solid Soluble in DMF, boiling acetic acid		250 mg 1 gm
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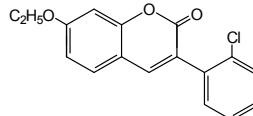
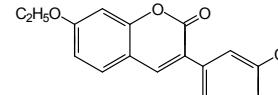
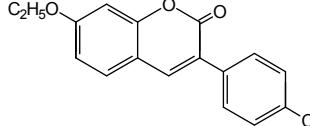
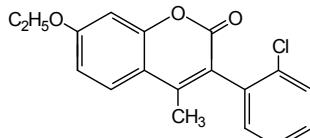
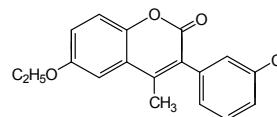
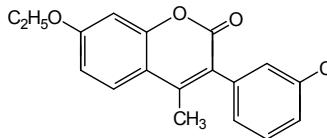
19-052	<b>4(4'-Chlorophenyl)-6,8-dichloro-3-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> MW 401.68 mp 182-183°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
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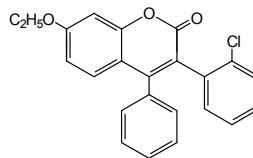
19-122	<b>4(4'-Chlorophenyl)-3(2',4'-dichlorophenyl)-6-methylcoumarin, 98%</b> C <sub>22</sub> H <sub>13</sub> Cl <sub>3</sub> O <sub>2</sub> MW 415.70 mp 218-219°C Off white powder Soluble in chloroform		250 mg 1 gm
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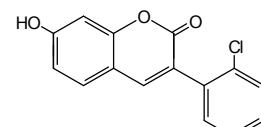
19-464	<b>3(2'-Chlorophenyl)-7-diethylaminocoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> CINO <sub>2</sub> MW 327.81 mp 119-120°C Yellow color powder Soluble in chloroform		100 mg 250 mg
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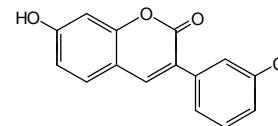
19-465	<b>3(3'-Chlorophenyl)-7-diethylaminocoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> CINO <sub>2</sub> MW 327.81 mp 142-143°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
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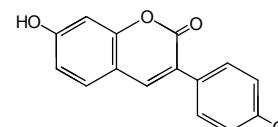
19-466	<b>3(4'-Chlorophenyl)-7-diethylaminocoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> ClNO <sub>2</sub> MW 327.81 mp 146-147°C Dark yellow shining powder Soluble in chloroform		100 mg 250 mg
19-123	<b>3(2'-Chlorophenyl)-4,6-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 161-164°C Cream colored crystalline powder Soluble in chloroform		250 mg 1 gm
19-173	<b>3(3'-Chlorophenyl)-4,6-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 160-161°C Dark cream colored powder Soluble in chloroform		250 mg 1 gm
19-174	<b>3(3'-Chlorophenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 134-135°C Cream colored powder Soluble in chloroform		250 mg 1 gm
19-303	<b>3(4'-Chlorophenyl)-4,6-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 170.6-172.5°C Off white crystalline powder Soluble in chloroform		100 mg 250 mg
19-304	<b>3(4'-Chlorophenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 167.7-169°C Off white fluffy powder Soluble in chloroform		100 mg 250 mg

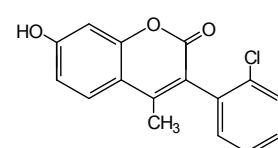
19-124	<b>3(2'-Chlorophenyl)-7-ethoxycoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 131-133°C White fluffy powder Soluble in chloroform		250 mg 1 gm
19-188	<b>3(3'-Chlorophenyl)-7-ethoxycoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 169-170°C White powder Soluble in chloroform		250 mg 1 gm
19-030	<b>3(4'-Chlorophenyl)-7-ethoxycoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 191-192°C White fluffy powder Freely soluble in chloroform		250 mg 1 gm
19-125	<b>3(2'-Chlorophenyl)-7-ethoxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> ClO <sub>3</sub> MW 314.77 mp 141-143°C White crystalline powder Soluble in chloroform		250 mg 1 gm
19-189	<b>3(3'-Chlorophenyl)-6-ethoxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> ClO <sub>3</sub> MW 314.77 mp 175-176°C Cream color powder Soluble in chloroform		250 mg 1 gm
19-190	<b>3(3'-Chlorophenyl)-7-ethoxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>15</sub> ClO <sub>3</sub> MW 314.77 mp 153-154.2°C Light biscuit color powder Soluble in chloroform		250 mg 1 gm

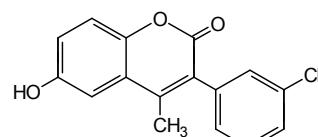
19-126	<b>3(2'-Chlorophenyl)-7-ethoxy-4-phenyl coumarin, 98%</b> C <sub>23</sub> H <sub>17</sub> ClO <sub>3</sub> MW 376.83 mp 166-167°C White fluffy powder Soluble in chloroform		250 mg 1 gm
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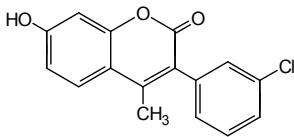
19-127	<b>3(2'-Chlorophenyl)-7-hydroxycoumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>3</sub> MW 272.69 mp 240-243°C Off white powder Soluble in chloroform : methanol (1:1)		250 mg 1 gm
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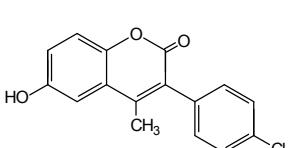
19-191	<b>3(3'-Chlorophenyl)-7-hydroxycoumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>3</sub> MW 272.69 mp 257-258°C Cream colored powder Soluble in chloroform		250 mg 1 gm
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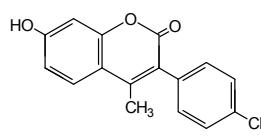
19-031	<b>3(4'-Chlorophenyl)-7-hydroxycoumarin, 98%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>3</sub> MW 272.69 mp 286-288°C Pale cream powder Freely soluble in DMF Partially soluble in chloroform		250 mg 1 gm
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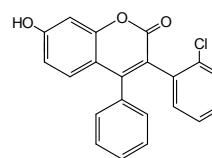
19-128	<b>3(2'-Chlorophenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 242-245°C Off white crystalline powder Soluble in chloroform : methanol (1:1)		250 mg 1 gm
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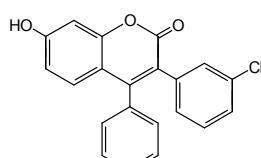
19-192	<b>3(3'-Chlorophenyl)-6-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 289-292°C Cream colored powder Soluble in chloroform		250 mg 1 gm
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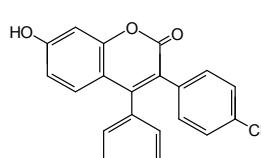
19-193	<b>3(3'-Chlorophenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72      mp 264-265.5°C White shining powder Soluble in chloroform		250 mg 1 gm
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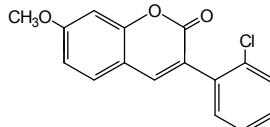
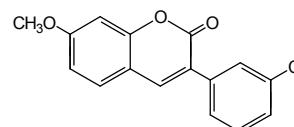
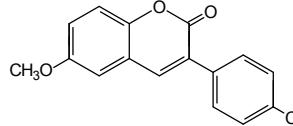
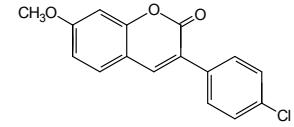
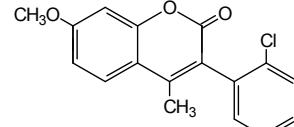
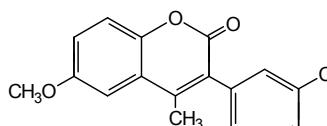
19-305	<b>3(4'-Chlorophenyl)-6-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 264.4-266.9°C Light yellow shining powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
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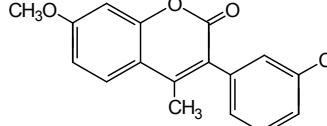
19-014	<b>3(4'-Chlorophenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 246-249°C Light yellow crystalline powder Soluble in acetone		250 mg 1 gm
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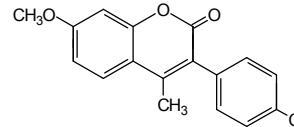
19-129	<b>3(2'-Chlorophenyl)-7-hydroxy-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>13</sub> ClO <sub>3</sub> MW 348.78 mp 274-277°C Cream colored crystalline powder Soluble in DMF		250 mg 1 gm
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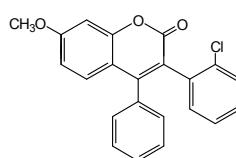
19-194	<b>3(3'-Chlorophenyl)-7-hydroxy-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>13</sub> ClO <sub>3</sub> MW 348.78 mp 308-309.5°C Faint yellow powder Soluble in DMF		250 mg 1 gm
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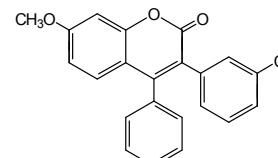
19-015	<b>3(4'-Chlorophenyl)-7-hydroxy-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>13</sub> ClO <sub>3</sub> MW 348.78 mp 287-291°C Yellow powder Soluble in DMF, excess of acetone		250 mg 1 gm
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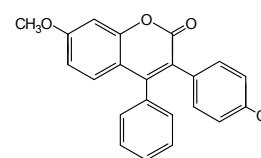
19-130	<b>3(2'-Chlorophenyl)-7-methoxycoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 140-142°C Pale cream fluffy powder Soluble in chloroform		250 mg 1 gm
19-195	<b>3(3'-Chlorophenyl)-7-methoxycoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 157.5-159°C Off white fluffy powder Soluble in chloroform		250 mg 1 gm
19-018	<b>3(4'-Chlorophenyl)-6-methoxycoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 182-185°C White powder Soluble in DMF, acetone		250 mg 1 gm
19-032	<b>3(4'-Chlorophenyl)-7-methoxycoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp 184-186°C White fluffy powder Freely soluble in chloroform		250 mg 1 gm
19-131	<b>3(2'-Chlorophenyl)-7-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 136-137°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
19-196	<b>3(3'-Chlorophenyl)-6-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 183.5-184.4°C Wheat colored powder Soluble in chloroform		250 mg 1 gm

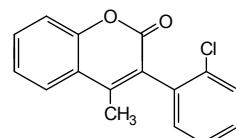
19-197	<b>3(3'-Chlorophenyl)-7-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 162.5-163.5°C Off white powder Soluble in chloroform		250 mg 1 gm
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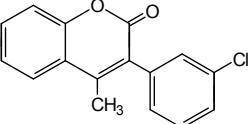
19-016	<b>3(4'-Chlorophenyl)-7-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 156-158°C White fluffy powder Soluble in chloroform, ethyl acetate		250 mg 1 gm
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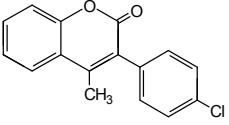
19-132	<b>3(2'-Chlorophenyl)-7-methoxy-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>3</sub> MW 362.81      mp 155-157°C Off white powder Soluble in chloroform		250 mg 1 gm
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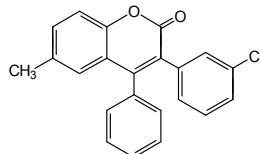
19-198	<b>3(3'-Chlorophenyl)-7-methoxy-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>3</sub> MW 362.81 mp 167-168°C Wheat color powder Soluble in chloroform		250 mg 1 gm
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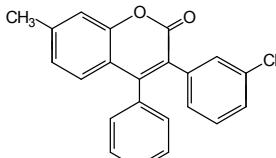
19-017	<b>3(4'-Chlorophenyl)-7-methoxy-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>3</sub> MW 362.81 mp 199-202°C White crystalline powder Soluble in acetone		250 mg 1 gm
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19-133	<b>3(2'-Chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 108-111°C Wheat colored powder Soluble in chloroform		250 mg 1 gm
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19-175	<b>3(3'-Chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 146-148°C Off white powder Soluble in chloroform		250 mg 1 gm
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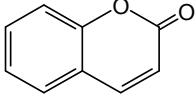
19-066	<b>3(4'-Chlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 165-166°C Pale cream powder Soluble in ethyl acetate, chloroform		250 mg 1 gm
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19-199	<b>3(3'-Chlorophenyl)-6-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>2</sub> MW 346.81 mp 200.3-201.5°C Cream colored crystalline shining powder Soluble in chloroform		250 mg 1 gm
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19-200	<b>3(3'-Chlorophenyl)-7-methyl-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>15</sub> ClO <sub>2</sub> MW 346.81 mp 208.5-209.5°C Off white crystalline shining powder Soluble in chloroform		250 mg 1 gm
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*Cichorigenin: see D-108 Esculetin*

*Citropten: see D-128 5,7-Dimethoxycoumarin*

C-106	<b>Coumarin, 98% [91-64-5]</b> C <sub>9</sub> H <sub>6</sub> O <sub>2</sub> MW 146.15 mp 68-70°C <i>Merck Index 12, 2630</i>		1 gm 5 gm
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020507S	<b>Coumarin with G.C.</b>	1 gm
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28-001	<b>Coumarin-6-carboxaldehyde, 97%</b> C <sub>10</sub> H <sub>6</sub> O <sub>3</sub> MW 174.15 mp 192-194°C Pale yellow solid Soluble in dimethylsulfoxide		100 mg 250 mg
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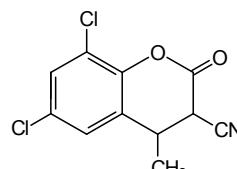
*Coumarin-3-carboxylic acid ethyl ester:  
see 15-002 Ethyl coumarin-3-carboxylate*

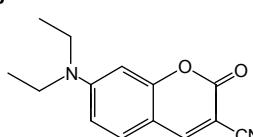
28-002	<b>Coumarin-6-sulfonyl chloride, 97%</b> C <sub>9</sub> H <sub>5</sub> ClO <sub>4</sub> S MW 244.66 mp 110-113°C White solid Soluble in dimethylsulfoxide		100 mg 250 mg
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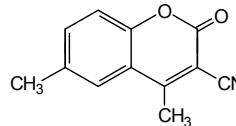
020535	<b>Coumestrol, &gt;95% (HPLC)</b> [479-13-0] C <sub>15</sub> H <sub>8</sub> O <sub>5</sub> MW 268.23 mp 380-385°C Beige powder Soluble in toluene, ethylacetate <i>Merck Index 12, 2632</i>		10 mg
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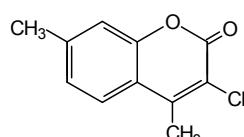
17-080	<b>3-Cyanocoumarin, 98%</b> C <sub>10</sub> H <sub>5</sub> NO <sub>2</sub> MW 171.16 mp 183-187°C Yellow crystalline powder Soluble in chloroform		250 mg 1 gm
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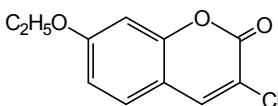
17-081	<b>3-Cyano-6,8-dibromo-4-methylcoumarin, 98%</b> C <sub>11</sub> H <sub>5</sub> Br <sub>2</sub> NO <sub>2</sub> MW 342.97 mp 267-270°C (dec) Yellow solid Soluble in chloroform		250 mg 1 gm
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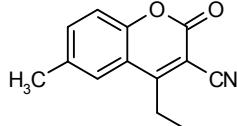
17-082	<b>3-Cyano-6,8-dichloro-4-methylcoumarin, 98%</b> C <sub>11</sub> H <sub>5</sub> Cl <sub>2</sub> NO <sub>2</sub> MW 254.07 mp 230-235°C Light brown solid Soluble in chloroform		250 mg 1 gm
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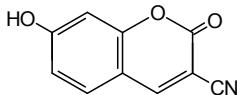
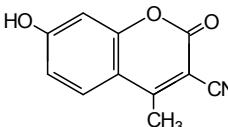
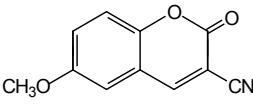
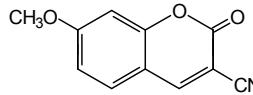
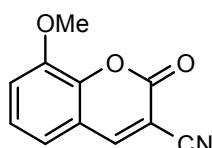
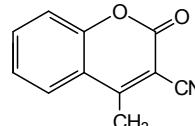
19-402	<b>3-Cyano-7-(diethylamino)coumarin, 98%</b> C <sub>14</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> MW 242.28 mp 227-230°C Yellow powder Soluble in chloroform		250 mg 1 gm
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17-083	<b>3-Cyano-4,6-dimethylcoumarin, 98%</b> [56394-28-6] C <sub>12</sub> H <sub>9</sub> NO <sub>2</sub> MW 199.21 mp 200-204°C Pale white crystalline powder Soluble in chloroform, ethyl acetate		250 mg 1 gm
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19-251	<b>3-Cyano-4,7-dimethylcoumarin, 98%</b> C <sub>12</sub> H <sub>9</sub> NO <sub>2</sub> MW 199.21 mp 222-224°C Yellow powder Soluble in DMF		100 mg 250 mg
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19-033	<b>3-Cyano-7-ethoxycoumarin, 98%</b> C <sub>12</sub> H <sub>9</sub> NO <sub>3</sub> MW 215.21 mp 210-212°C Deep pink fluffy powder Soluble in DMF, excess of chloroform		250 mg 1 gm
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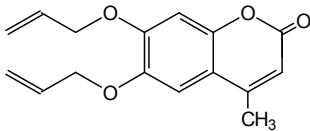
19-540	<b>3-Cyano-4-ethyl-6-methylcoumarin, 98%</b> C <sub>13</sub> H <sub>11</sub> NO <sub>2</sub> MW 213.24 mp 198.2-200°C White powder Soluble in chloroform		100 mg 250 mg
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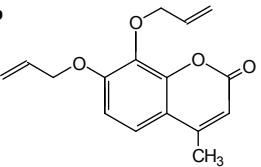
19-053	<b>3-Cyano-7-hydroxycoumarin, 98%</b> C <sub>10</sub> H <sub>5</sub> NO <sub>3</sub> MW 187.16 mp 271-273°C Light reddish powder Freely soluble in DMF		250 mg 1 gm
17-087	<b>3-Cyano-7-hydroxy-4-methylcoumarin, 98%</b> [2829-46-1] C <sub>11</sub> H <sub>7</sub> NO <sub>3</sub> MW 201.19 mp 297-299°C Yellow powder Soluble in DMF		250 mg 1 gm
19-019	<b>3-Cyano-6-methoxycoumarin, 98%</b> C <sub>11</sub> H <sub>7</sub> NO <sub>3</sub> MW 201.19 mp 228-231°C Yellow crystalline powder Soluble in DMF, excess of acetone		250 mg 1 gm
19-035	<b>3-Cyano-7-methoxycoumarin, 98%</b> C <sub>11</sub> H <sub>7</sub> NO <sub>3</sub> MW 201.19 mp 216-218°C Leaf brown fluffy powder Soluble in DMF, excess of chloroform		250 mg 1 gm
19-667	<b>3-Cyano-8-methoxycoumarin, 98+%</b> C <sub>11</sub> H <sub>7</sub> NO <sub>3</sub> MW 201.18 mp 227.6-230°C Yellow powder Soluble in chloroform:methanol (9:1)		100 mg 250 mg
17-090	<b>3-Cyano-4-methylcoumarin, 99%</b> [24526-69-0] C <sub>11</sub> H <sub>7</sub> NO <sub>2</sub> MW 185.19 mp 191-194°C White fluffy solid Soluble in chloroform, ethyl acetate		250 mg 1 gm

*Dalbergin:*  
see 19-865 6-Hydroxy-7-methoxy-4-phenylcoumarin

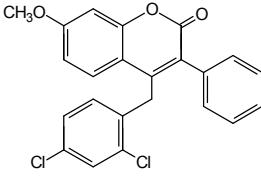
*Daphnetin:* see D-109 7,8-Dihydroxycoumarin

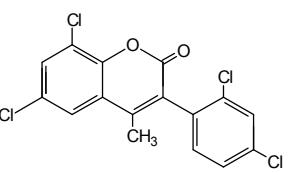
*Daphnetin-7-methylether:*  
see 19-627 8-Hydroxy-7-methoxycoumarin

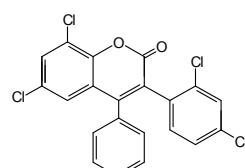
19-306	<b>6,7-Diallyloxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>16</sub> O <sub>4</sub> MW 272.31 mp 81.5-83°C Gray colored powder Soluble in chloroform		100 mg 250 mg
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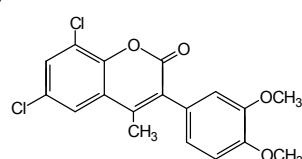
19-307	<b>7,8-Diallyloxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>16</sub> O <sub>4</sub> MW 272.31 mp 51.3-52.5°C Off white powder Soluble in chloroform		100 mg 250 mg
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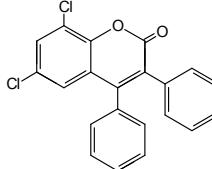
*6,7-Dibenzylloxycoumarin:*  
see 020514 Esculetin dibenzyl ether

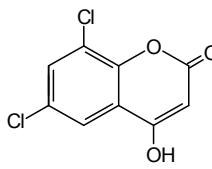
19-281	<b>4(2',4'-Dichlorobenzyl)-7-methoxy-3-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>16</sub> Cl <sub>2</sub> O <sub>3</sub> MW 411.29 mp 164.5-165.8°C White fluffy shining powder Soluble in chloroform		100 mg 250 mg
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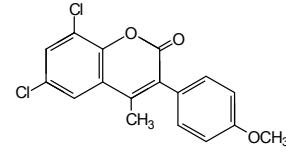
19-090	<b>6,8-Dichloro-3(2',4'-dichlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>8</sub> Cl <sub>4</sub> O <sub>2</sub> MW 374.05 mp 202-204°C Wheat color powder Soluble in chloroform		250 mg 1 gm
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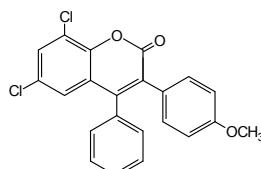
19-091	<b>6,8-Dichloro-3(2',4'-dichlorophenyl)-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>10</sub> Cl <sub>4</sub> O <sub>2</sub> MW 436.12 mp 262-264°C White powder Soluble in chloroform		250 mg 1 gm
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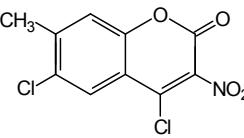
19-269	<b>6,8-Dichloro-3(3',4'-dimethoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>4</sub> MW 365.22 mp 200-202°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
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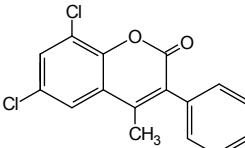
19-067	<b>6,8-Dichloro-3,4-diphenylcoumarin, 97+%</b> C <sub>21</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 367.23 mp 153-154°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
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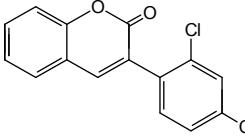
17-108	<b>6,8-Dichloro-4-hydroxycoumarin, 98%</b> C <sub>9</sub> H <sub>4</sub> Cl <sub>2</sub> O <sub>3</sub> MW 231.04 mp 288-290.4°C Light yellow powder Soluble in DMF		250 mg 1 gm
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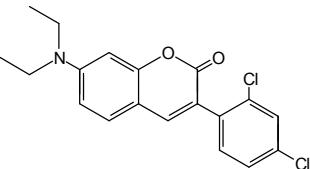
19-036	<b>6,8-Dichloro-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>3</sub> MW 335.19 mp 174-176°C Light yellow powder Soluble in excess of chloroform		250 mg 1 gm
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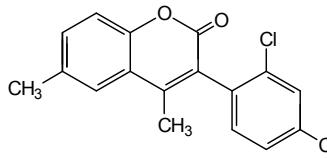
19-070	<b>6,8-Dichloro-3(4'-methoxyphenyl)-4-phenylcoumarin, 97+%</b> C <sub>22</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>3</sub> MW 397.26 mp 185-188°C Pale cream powder Soluble in chloroform		250 mg 1 gm
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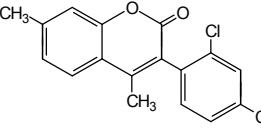
19-344	<b>4,6-Dichloro-7-methyl-3-nitrocoumarin, 98%</b> C <sub>10</sub> H <sub>5</sub> Cl <sub>2</sub> NO <sub>4</sub> MW 274.06 mp 157-158°C Light yellow powder Soluble in chloroform		100 mg 250 mg
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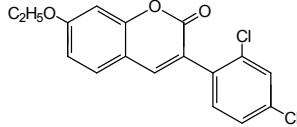
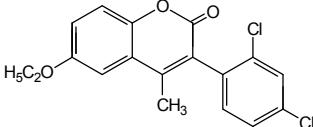
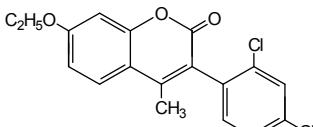
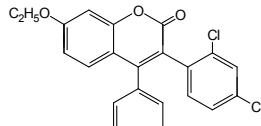
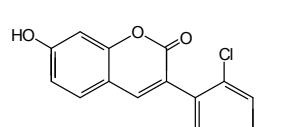
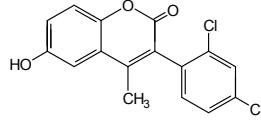
17-112	<b>6,8-Dichloro-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17 mp 179-181°C Light green crystalline solid Soluble in chloroform		250 mg 1 gm
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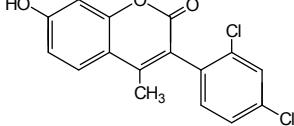
19-092	<b>3(2',4'-Dichlorophenyl)coumarin, 97+%</b> C <sub>15</sub> H <sub>8</sub> Cl <sub>2</sub> O <sub>2</sub> MW 291.14 mp 185-187°C White crystalline powder Soluble in chloroform		250 mg 1 gm
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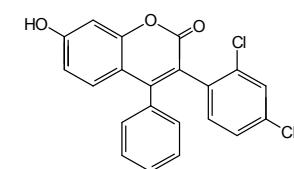
19-469	<b>3(2',4'-Dichlorophenyl)-7-diethylaminocoumarin, 98%</b> C <sub>19</sub> H <sub>17</sub> Cl <sub>2</sub> NO <sub>2</sub> MW 362.26 mp 118-119°C Yellow powder Soluble in chloroform		100 mg 250 mg
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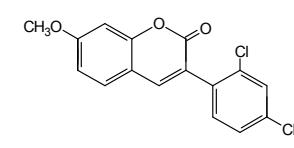
19-093	<b>3(2',4'-Dichlorophenyl)-4,6-dimethylcoumarin, 97+%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 319.19 mp 211-212°C White fluffy powder Soluble in chloroform		250 mg 1 gm
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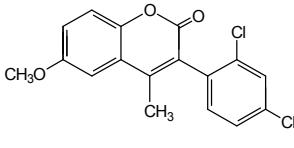
19-202	<b>3(2',4'-Dichlorophenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 319.19 mp 174.5-176°C Dull white powder Soluble in chloroform		250 mg 1 gm
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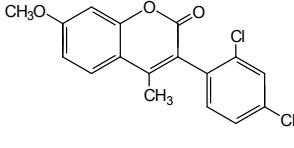
19-134	<b>3(2',4'-Dichlorophenyl)-7-ethoxy coumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>3</sub> MW 335.19      mp 154-155°C White powder Soluble in chloroform		250 mg 1 gm
19-094	<b>3(2',4'-Dichlorophenyl)-6-ethoxy-4-methylcoumarin, 97+%</b> C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>3</sub> MW 349.22      mp 192-193°C White powder Soluble in chloroform		250 mg 1 gm
19-135	<b>3(2',4'-Dichlorophenyl)-7-ethoxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>3</sub> MW 349.22      mp 189-191°C White crystalline powder Soluble in chloroform		250 mg 1 gm
19-136	<b>3(2',4'-Dichlorophenyl)-7-ethoxy-4-phenylcoumarin, 98%</b> C <sub>28</sub> H <sub>16</sub> Cl <sub>2</sub> O <sub>3</sub> MW 411.29      mp 164-167°C Light yellow shining powder Soluble in chloroform		250 mg 1 gm
19-095	<b>3(2',4'-Dichlorophenyl)-7-hydroxy coumarin, 98%</b> C <sub>15</sub> H <sub>8</sub> Cl <sub>2</sub> O <sub>3</sub> MW 307.14      mp 256-258°C Off white fluffy powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
19-096	<b>3(2',4'-Dichlorophenyl)-6-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>3</sub> MW 321.17      mp 246-247°C Pale cream powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm

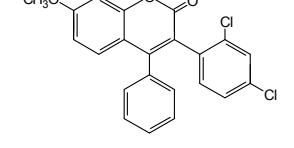
19-137	<b>3(2',4'-Dichlorophenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>3</sub> MW 321.17 mp 238-240°C White powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
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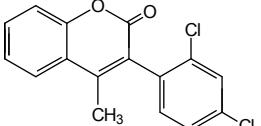
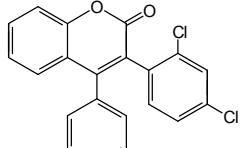
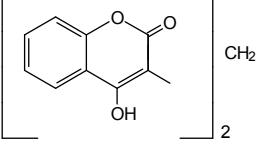
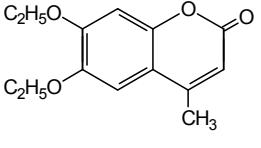
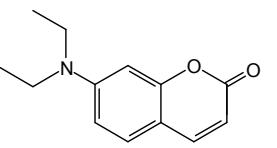
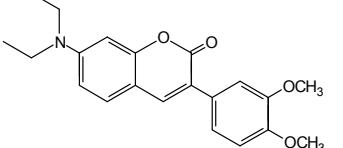
19-097	<b>3(2',4'-Dichlorophenyl)-7-hydroxy-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>3</sub> MW 383.23 mp 263-265°C Yellow powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
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19-138	<b>3(2',4'-Dichlorophenyl)-7-methoxy coumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>3</sub> MW 321.17 mp 160-161°C White fluffy powder Soluble in chloroform		250 mg 1 gm
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19-098	<b>3(2',4'-Dichlorophenyl)-6-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>3</sub> MW 335.19 mp 161-162°C White powder Soluble in chloroform		250 mg 1 gm
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19-139	<b>3(2',4'-Dichlorophenyl)-7-methoxy-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>3</sub> MW 335.19 mp 159-161°C White crystalline powder Soluble in chloroform		250 mg 1 gm
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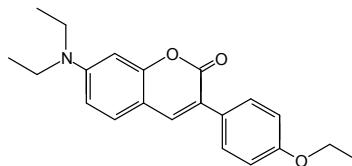
19-140	<b>3(2',4'-Dichlorophenyl)-7-methoxy-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>3</sub> MW 397.26 mp 175-177°C Off white crystalline powder Soluble in chloroform		250 mg 1 gm
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19-099	<b>3(2',4'-Dichlorophenyl)-4-methylcoumarin, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17 mp 132-133°C Cream colored powder Soluble in chloroform		250 mg 1 gm
19-369	<b>3(2',4'-Dichlorophenyl)-4-phenylcoumarin, 98%</b> C <sub>21</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 367.23 mp 233.6-236°C Cream color-shining Powder Soluble in chloroform		100 mg 250 mg
020509	<b>Dicoumarol [66-76-2]</b> (3,3'-Methylene-bis(4-hydroxycoumarin)) C <sub>19</sub> H <sub>12</sub> O <sub>6</sub> MW 336.30 mp 286-289°C White powder		10 gm
19-224	<b>6,7-Diethoxy-4-methylcoumarin, 98%</b> C <sub>14</sub> H <sub>16</sub> O <sub>4</sub> MW 248.28 mp 100-101°C Light gray shining crystalline powder Soluble in chloroform		250 mg 1 gm
19-450	<b>7-Diethylaminocoumarin, 98%</b> [20571-42-0] C <sub>13</sub> H <sub>15</sub> NO <sub>2</sub> MW 217.27 mp 89-92°C Yellow powder Soluble in chloroform		250 mg 1 gm
19-470	<b>7-Diethylamino-3(3',4'-dimethoxyphenyl)coumarin, 98%</b> C <sub>21</sub> H <sub>23</sub> NO <sub>4</sub> MW 353.42 mp 117-119°C Yellow powder Soluble in chloroform		100 mg 250 mg

19-471	<b>7-Diethylamino-3(4'-ethoxyphenyl)coumarin, 98%</b>	100 mg 250 mg
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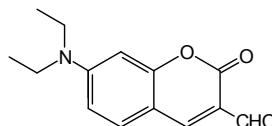
C<sub>21</sub>H<sub>23</sub>NO<sub>3</sub>  
MW 337.42  
mp 152-153°C  
Yellow color powder  
Soluble in chloroform



19-421	<b>7-Diethylamino-3-formylcoumarin, 98+%</b>	100 mg 250 mg
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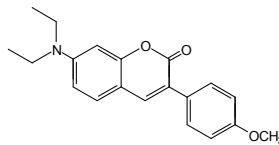
C<sub>14</sub>H<sub>15</sub>NO<sub>3</sub>  
MW 245.28  
mp 166-167°C  
Orange colored powder  
Soluble in chloroform



19-472	<b>7-Diethylamino-3(4'-methoxyphenyl)coumarin, 98%</b>	100 mg 250 mg
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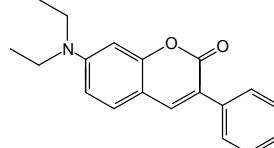
C<sub>20</sub>H<sub>21</sub>NO<sub>3</sub>  
MW 323.40  
mp 110-112°C  
Yellow shining powder  
Soluble in chloroform



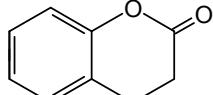
19-403	<b>7-Diethylamino-3-phenylcoumarin, 98%</b>	250 mg 1 gm
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C<sub>19</sub>H<sub>19</sub>NO<sub>2</sub>  
MW 293.37  
mp 152-153°C  
Yellow powder  
Soluble in chloroform



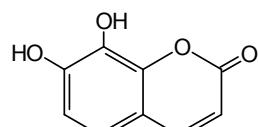
D-107	<b>3,4-Dihydrocoumarin, 98%</b> [119-84-6] C <sub>9</sub> H <sub>8</sub> O <sub>2</sub> MW 148.16 mp ~25°C	1 gm
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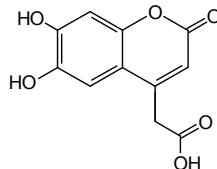


*6,7-Dihydroxycoumarin: see D-108 Esculetin*

D-109	<b>7,8-Dihydroxycoumarin, 98%</b> (Daphnetin) [486-35-1]	100 mg
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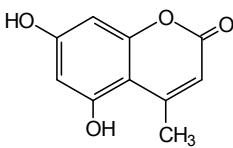
C<sub>9</sub>H<sub>6</sub>O<sub>4</sub>  
MW 178.15  
mp 257-261°C  
Light rose colored powder  
Soluble in DMF  
*Merck Index 12, 2881*

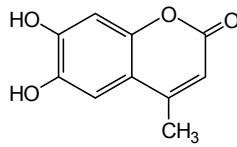


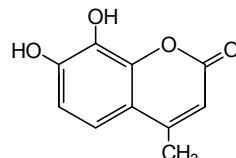
19-418	<b>6,7-Dihydroxycoumarin-4-acetic acid, 98%</b> C <sub>11</sub> H <sub>8</sub> O <sub>6</sub> MW 236.18 mp 229°C (dec) Cream color crystalline powder Soluble in DMF	 <chem>O=C[C@H]1C=CC2=C(O)C=CC(O)=C2OC(=O)=C1</chem>	100 mg 250 mg
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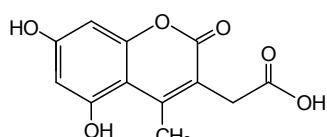
*6,7-Dihydroxycoumarin-6-glucoside:* see 020501 *Esculin*

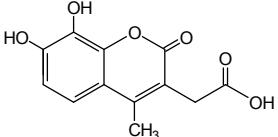
*7,8-Dihydroxy-6-methoxycoumarin:* see 020532 *Fraxetin*

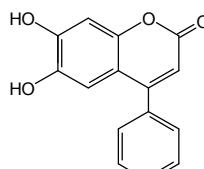
D-120	<b>5,7-Dihydroxy-4-methylcoumarin, 98%</b> [2107-76-8] C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17 mp 295-298°C Pale yellow powder Soluble in chloroform and methanol	 <chem>O=C1C=CC2=C(O)C=CC(O)=C2OC1</chem>	500 mg
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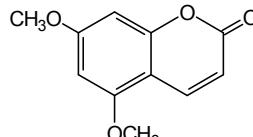
D-009	<b>6,7-Dihydroxy-4-methylcoumarin, 98%</b> [529-84-0] (4-Methylesculetin) C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17 mp 274-276°C Light grayish powder Soluble in DMF	 <chem>O=C1C=CC2=C(O)C=CC(O)=C2OC1</chem>	500 mg
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D-121	<b>7,8-Dihydroxy-4-methylcoumarin, 98%</b> (4-Methyldaphnetin) [2107-77-9] C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17 mp 238.2-240.7°C Light rose powder Soluble in chloroform and methanol (1:1)	 <chem>O=C1C=CC2=C(O)C=CC(O)=C2OC1</chem>	500 mg
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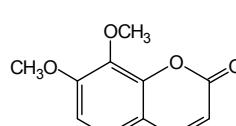
19-474	<b>5,7-Dihydroxy-4-methylcoumarin-3-acetic acid, 99+%</b> C <sub>12</sub> H <sub>10</sub> O <sub>6</sub> MW 250.21 mp 289-290°C White powder Soluble in DMF	 <chem>O=C[C@H]1C=CC2=C(O)C=CC(O)=C2OC(=O)=C1</chem>	50 mg 100 mg
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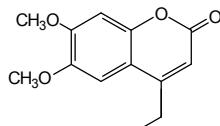
19-475	<b>7,8-Dihydroxy-4-methylcoumarin-3-acetic acid, 98%</b> C <sub>12</sub> H <sub>10</sub> O <sub>6</sub> MW 250.21 mp 277-279°C White powder Soluble in DMF	50 mg 100 mg
		

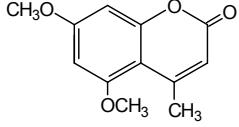
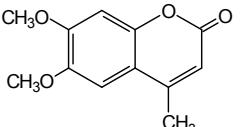
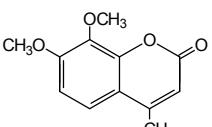
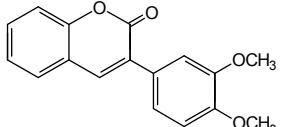
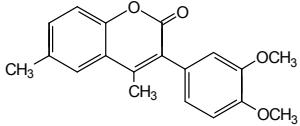
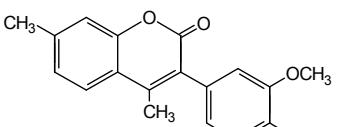
19-861	<b>6,7-Dihydroxy-4-phenylcoumarin, 98%</b> (Nordalbergin) [482-82-6] C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 274-277°C Off white powder Soluble in chloroform : methanol (8:2)	10 mg
		

D-128	<b>5,7-Dimethoxycoumarin, 97%</b> (Citropten; Limettin) [487-06-9] C <sub>11</sub> H <sub>10</sub> O <sub>4</sub> MW 206.20 mp 146-149°C Soluble in chloroform and acetone White solid <i>Merck Index 12,5517</i>	100 mg
		

020581S	<b>5,7-Dimethoxycoumarin with HPLC</b> MW 206.20	10 mg

19-410	<b>7,8-Dimethoxycoumarin, 98%</b> C <sub>11</sub> H <sub>10</sub> O <sub>4</sub> MW 206.20 mp 117-118.3°C Off white powder Soluble in chloroform	250 mg 1 gm
		

19-419	<b>6,7-Dimethoxy-4-ethylcoumarin, 98%</b> C <sub>13</sub> H <sub>14</sub> O <sub>4</sub> MW 234.25 mp 150-151°C Off white crystalline powder Soluble in Chloroform	100 mg 250 mg
		

19-310	<b>5,7-Dimethoxy-4-methylcoumarin, 98%</b> C <sub>12</sub> H <sub>12</sub> O <sub>4</sub> MW 220.22 mp 170.5-171.8°C White fluffy powder Soluble in chloroform		250 mg 1 gm
020597	<b>6,7-Dimethoxy-4-methylcoumarin, 99%</b> [4281-40-7] C <sub>12</sub> H <sub>12</sub> O <sub>4</sub> MW 220.22 mp 136.6-139°C White fluffy powder Soluble in chloroform		100 mg
19-270	<b>7,8-Dimethoxy-4-methylcoumarin, 98%</b> C <sub>12</sub> H <sub>12</sub> O <sub>4</sub> MW 220.22 mp 130-132°C Off white crystalline powder Soluble in chloroform		100 mg 250 mg
19-284	<b>3(3',4'-Dimethoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 129.6-130.8°C Yellow powder Soluble in chloroform		100 mg 250 mg
19-271	<b>3(3',4'-Dimethoxyphenyl)-4,6-dimethylcoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> O <sub>4</sub> MW 310.35 mp 192-193°C White shining powder Soluble in chloroform		100 mg 250 mg
19-272	<b>3(3',4'-Dimethoxyphenyl)-4,7-dimethylcoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> O <sub>4</sub> MW 310.35 mp 153-154°C White powder Soluble in chloroform		100 mg 250 mg

19-273	<b>3(3',4'-Dimethoxyphenyl)-6-ethoxy-4-methylcoumarin, 98%</b> C <sub>20</sub> H <sub>20</sub> O <sub>5</sub> MW 340.38 Off white powder Soluble in chloroform		100 mg 250 mg
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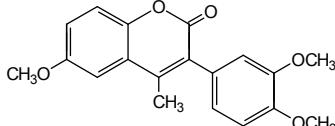
19-274	<b>3(3',4'-Dimethoxyphenyl)-7-hydroxycoumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 225-226°C Pale yellow fluffy powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
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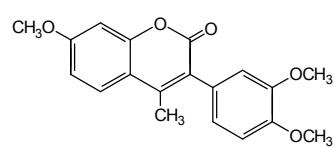
19-285	<b>3(3',4'-Dimethoxyphenyl)-6-hydroxy-4-methylcoumarin 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 245.8-247.8°C White powder Soluble in DMF		100 mg 250 mg
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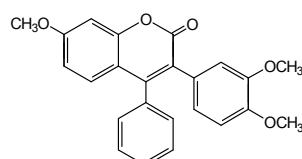
19-286	<b>3(3',4'-Dimethoxyphenyl)-7-hydroxy-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 270.6-273°C Off white powder Soluble in DMF		100 mg 250 mg
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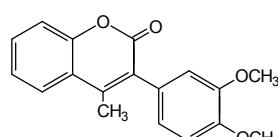
19-287	<b>3(3',4'-Dimethoxyphenyl)-7-hydroxy-4-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>18</sub> O <sub>5</sub> MW 374.40 mp 238.7-240.4°C Yellow shining powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
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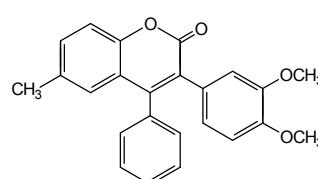
19-275	<b>3(3',4'-Dimethoxyphenyl)-7-methoxycoumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 168-170°C Pale yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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19-288	<b>3(3',4'-Dimethoxyphenyl)-6-methoxy-4-methylcoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> O <sub>5</sub> MW 326.35 mp 156.5-157.9°C White powder Soluble in chloroform		100 mg 250 mg
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19-289	<b>3(3',4'-Dimethoxyphenyl)-7-methoxy-4-methylcoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> O <sub>5</sub> MW 326.35 mp 180.5-181.8°C White powder Soluble in chloroform		100 mg 250 mg
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19-290	<b>3(3',4'-Dimethoxyphenyl)-7-methoxy-4-phenylcoumarin, 98%</b> C <sub>24</sub> H <sub>20</sub> O <sub>5</sub> MW 388.42 mp 147.2-148.4°C Light yellow powder Soluble in chloroform		100 mg 250 mg
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19-276	<b>3(3',4'-Dimethoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>4</sub> MW 296.33 mp 164-165°C White shining powder Soluble in chloroform		100 mg 250 mg
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19-291	<b>3(3',4'-Dimethoxyphenyl)-6-methyl-4-phenylcoumarin, 98%</b> C <sub>24</sub> H <sub>20</sub> O <sub>4</sub> MW 372.42 mp 158-159.1°C Light yellow shining powder Soluble in chloroform		100 mg 250 mg
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19-292	<b>3(3',4'-Dimethoxyphenyl)-7-methyl-4-phenylcoumarin, 98%</b> C <sub>24</sub> H <sub>20</sub> O <sub>4</sub> MW 372.42 mp 154.4-156°C Cream colored powder Soluble in chloroform		100 mg 250 mg
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19-225	<b>7-Dimethylamino-4-methylcoumarin, 98%</b> [87-01-4] C <sub>12</sub> H <sub>13</sub> NO <sub>2</sub> MW 203.24      mp 144-146°C Yellow crystalline powder Soluble in chloroform		1 gm 5 gm
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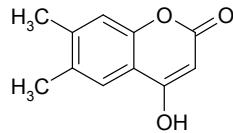
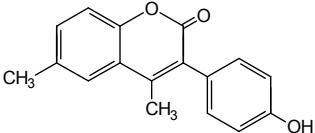
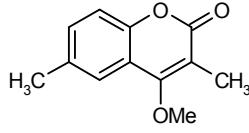
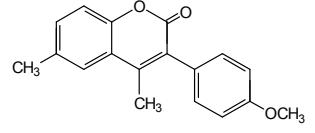
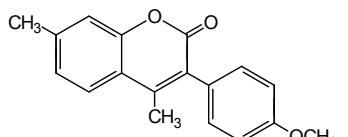
020551	<b>6,7-Dimethylesculetin, 98%</b> (Esculetin dimethyl ether, Scoparone) [120-08-1] C <sub>11</sub> H <sub>10</sub> O <sub>4</sub> MW 206.20      mp 144-145.5°C Cream colored powder Soluble in chloroform <i>Merck Index 12, 8548</i>		100 mg
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020586S	<b>6,7-Dimethylesculetin with HPLC, 98% [120-08-1]</b>	10 mg
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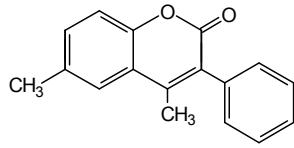
020565	<b>Dimethylfraxetin, 98%</b> (6,7,8-Trimethoxycoumarin) [6035-49-0] C <sub>12</sub> H <sub>12</sub> O <sub>5</sub> MW 236.24      mp 104-105°C		25 mg
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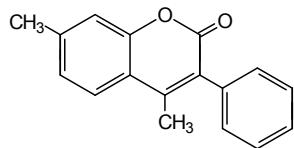
19-543	<b>3,6-Dimethyl-4-hydroxycoumarin, 99%</b> C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 252.7-255°C White powder Soluble in chloroform: methanol (1:1)		100 mg 250 mg
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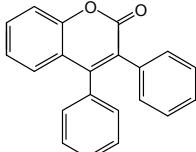
19-764	<b>6,8-Dimethyl-4-hydroxycoumarin, 98%</b> C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 269°C (dec) White fluffy powder Soluble in chloroform : methanol (3:1)		100 mg 250 mg
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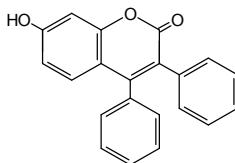
19-528	<b>6,7-Dimethyl-4-hydroxycoumarin hydrate, 99%</b> C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 252-255°C Off White powder Soluble in Chloroform:Methanol (1:1)		100 mg 250 mg
19-253	<b>4,6-Dimethyl-3(4'-hydroxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> MW 266.30 mp 275-278°C White fluffy powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
19-544	<b>3,6-Dimethyl-4-methoxycoumarin, 98%</b> C <sub>12</sub> H <sub>12</sub> O <sub>3</sub> MW 204.23 mp 92.8-95.2°C White crystalline powder Soluble in Chloroform		100 mg 250 mg
19-100	<b>4,6-Dimethyl-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>3</sub> MW 280.33 mp 192-193°C White crystalline powder Soluble in chloroform		250 mg 1 gm
19-205	<b>4,7-Dimethyl-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>3</sub> MW 280.33 mp 172-173°C Pale white shining powder Soluble in chloroform		250 mg 1 gm

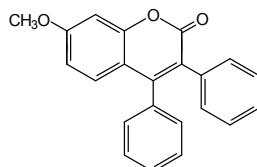
5-[(3,7-Dimethyl-2,6-octadienyl)oxy]-7-methoxycoumarin:  
see 020560S 5-Geranoxy-7-methoxycoumarin with HPLC

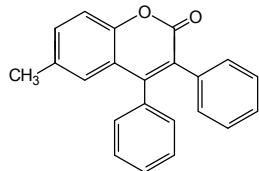
17-116	<b>4,6-Dimethyl-3-phenylcoumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>2</sub> MW 250.30 mp 174-176°C Pale white crystalline solid Soluble in chloroform, ethyl acetate		250 mg 1 gm
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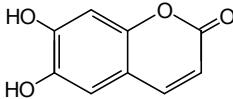
19-206	<b>4,7-Dimethyl-3-phenylcoumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>2</sub> MW 250.30 mp 155.5-157°C Cream colored crystalline shining powder Soluble in chloroform		250 mg 1 gm
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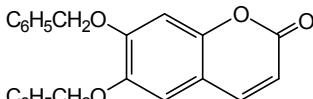
19-370	<b>3,4-Diphenylcoumarin, 98%</b> C <sub>21</sub> H <sub>14</sub> O <sub>2</sub> MW 298.34 mp 231-232.8°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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19-020	<b>3,4-Diphenyl-7-hydroxycoumarin, 98%</b> C <sub>21</sub> H <sub>14</sub> O <sub>3</sub> MW 314.34 mp 291-293°C Yellow crystalline powder Soluble in DMF, excess of acetone		250 mg 1 gm
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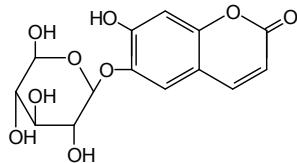
19-021	<b>3,4-Diphenyl-7-methoxycoumarin, 98%</b> C <sub>22</sub> H <sub>16</sub> O <sub>3</sub> MW 328.37 mp 175-176°C Light yellow crystalline solid Soluble in ethyl acetate		250 mg 1 gm
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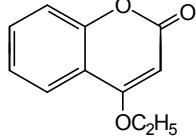
19-075	<b>3,4-Diphenyl-6-methylcoumarin, 98%</b> C <sub>22</sub> H <sub>16</sub> O <sub>2</sub> MW 312.37 mp 210-212°C Off white powder Soluble in chloroform		250 mg 1 gm
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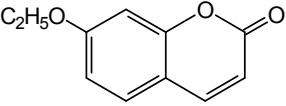
<b>D-108</b>	<b>Esculetin [305-01-1]</b> (Cichorigenin; 6,7-Dihydroxycoumarin) C <sub>9</sub> H <sub>6</sub> O <sub>4</sub> MW 178.15 mp 271-273°C Light yellow shining powder Soluble in DMF <i>Merck Index</i> 12,3738		250 mg
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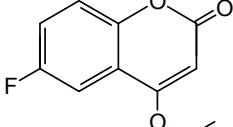
<b>020514</b>	<b>Esculetin dibenzyl ether</b> (6,7-Dibenzylxycoumarin) [909-84-2] C <sub>23</sub> H <sub>18</sub> O <sub>4</sub> MW 358.37		100 mg
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Esculetin dimethyl ether: See 020551 6,7-Dimethylesculetin

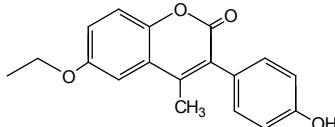
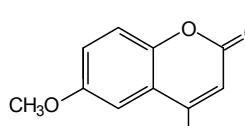
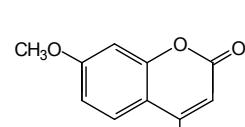
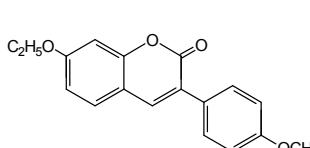
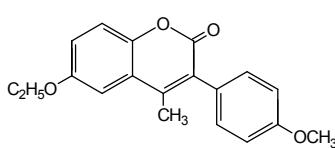
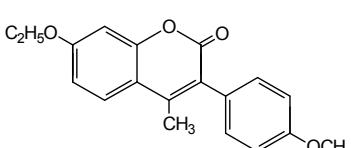
<b>06-014</b>	<b>Es culin, 98%</b> (6,7-Dihydroxycoumarin-6-O-glucoside) [531-75-9] C <sub>15</sub> H <sub>16</sub> O <sub>9</sub> MW 340.29 mp 208-209°C White powder <i>Merck Index</i> 12, 3739		5 gm
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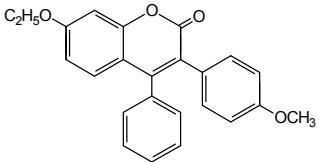
<b>15-001</b>	<b>4-Ethoxycoumarin, 98%</b> [35817-27-7] C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 133-134°C Off white shining powder Soluble in chloroform		1 gm
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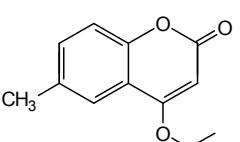
<b>E-105</b>	<b>7-Ethoxycoumarin, 98%</b> [31005-02-4] C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 90-92°C Pale cream colored powder Soluble in chloroform		1 gm
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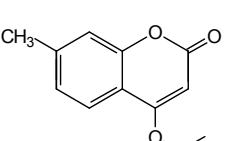
<b>19-404</b>	<b>4-Ethoxy-6-fluorocoumarin, 98%</b> C <sub>11</sub> H <sub>9</sub> FO <sub>3</sub> MW 208.19 mp 174-176°C Cream colored shining powder Soluble in chloroform		250 mg 1 gm
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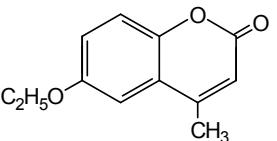


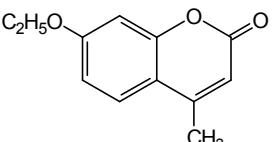
19-254	<b>6-Ethoxy-3(4'-hydroxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>4</sub> MW 296.33 mp 240-242°C Off white shining powder Soluble in chloroform:methanol (1:1)		100 mg 250 mg
19-346	<b>4-Ethoxy-6-methoxycoumarin, 98%</b> C <sub>12</sub> H <sub>12</sub> O <sub>4</sub> MW 220.23 mp 111-112°C Off white fluffy powder Soluble in chloroform		250 mg 1 gm
19-331	<b>4-Ethoxy-7-methoxycoumarin, 98%</b> C <sub>12</sub> H <sub>12</sub> O <sub>4</sub> MW 220.23 mp 169-170°C Off white fluffy powder Soluble in chloroform		100 mg 250 mg
19-037	<b>7-Ethoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>4</sub> MW 296.33 mp 151-153°C Yellow crystalline powder Soluble in chloroform		250 mg 1 gm
19-101	<b>6-Ethoxy-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> O <sub>4</sub> MW 310.35 mp 174-176°C Off white to pale cream crystalline powder Soluble in chloroform		250 mg 1 gm
19-076	<b>7-Ethoxy-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>19</sub> H <sub>18</sub> O <sub>4</sub> MW 310.35 mp 141-142°C Off white powder Soluble in chloroform		250 mg 1 gm

19-077	<b>7-Ethoxy-3(4'-methoxyphenyl)-4-phenylcoumarin, 98%</b>		250 mg 1 gm
	C <sub>24</sub> H <sub>20</sub> O <sub>4</sub> MW 372.42 mp 178-180°C Light yellow powder Soluble in chloroform		

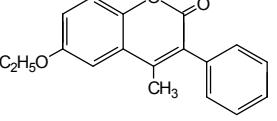
19-332	<b>4-Ethoxy-6-methylcoumarin, 98%</b>		100 mg 250 mg
	C <sub>12</sub> H <sub>12</sub> O <sub>3</sub> MW 204.22 mp 144-145°C White powder Soluble in chloroform		

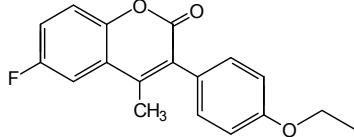
19-347	<b>4-Ethoxy-7-methylcoumarin, 98%</b>		250 mg 1 gm
	C <sub>12</sub> H <sub>12</sub> O <sub>3</sub> MW 204.22 mp 145-146°C White fluffy powder Soluble in chloroform		

19-038	<b>6-Ethoxy-4-methylcoumarin, 98%</b>		250 mg 1 gm
	C <sub>12</sub> H <sub>12</sub> O <sub>3</sub> MW 204.22 mp 114-115°C White crystalline powder Soluble in chloroform		

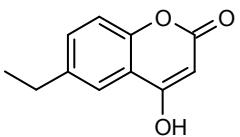
E-107	<b>7-Ethoxy-4-methylcoumarin, 98%</b> (4-Methyl-7-ethoxycoumarin) [87-05-8]		1 gm
	C <sub>12</sub> H <sub>12</sub> O <sub>3</sub> MW 204.22      mp 115-117°C White fluffy powder Soluble in chloroform		

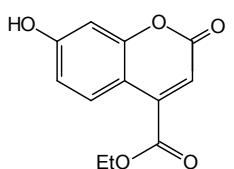
020524S	<b>7-Ethoxy-4-methylcoumarin with GC</b>	25 mg
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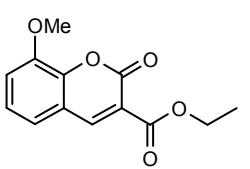
19-102	<b>6-Ethoxy-4-methyl-3-phenylcoumarin, 98%</b>		250 mg 1 gm
	C <sub>18</sub> H <sub>16</sub> O <sub>3</sub> MW 280.33 mp 136-138°C Off white to pale cream crystalline powder Soluble in chloroform		

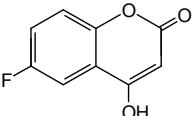
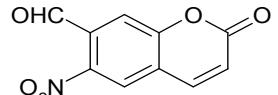
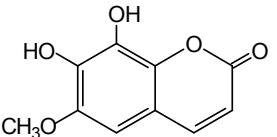
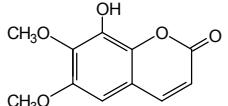
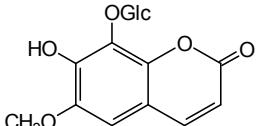
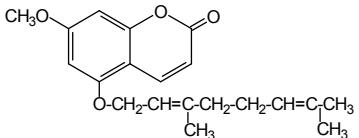
19-476	<b>3(4'-Ethoxyphenyl)-6-fluoro-4-methylcoumarin, 99+%</b>	100 mg 250 mg
	C <sub>18</sub> H <sub>15</sub> FO <sub>3</sub> MW 298.32 mp 186-187°C White color fluffy powder Soluble in chloroform	

15-002	<b>Ethylcoumarin-3-carboxylate, 98%</b> (Coumarin-3-carboxylic acid ethyl ester) [1846-76-0] C <sub>12</sub> H <sub>10</sub> O <sub>4</sub> MW 218.21 mp 93-95°C	1 gm
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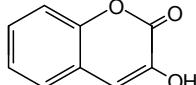
19-744	<b>6-Ethyl-4-hydroxycoumarin, 98%</b>	100 mg 250 mg
	C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 219.6-222°C White powder Soluble in chloroform : methanol (1:1)	

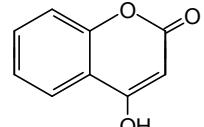
28-003	<b>Ethyl-7-hydroxycoumarin-4-carboxylate, 99%</b>	100 mg 250 mg
	C <sub>12</sub> H <sub>10</sub> O <sub>5</sub> MW 234.21 mp 149-151°C Yellow to green solid Soluble in dimethylsulfoxide	

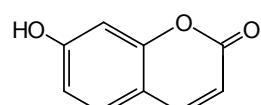
19-671	<b>Ethyl 8-methoxycoumarin-3-carboxylate, 98%</b>	100 mg 250 mg
	C <sub>13</sub> H <sub>12</sub> O <sub>5</sub> MW 248.24 mp 93-95°C White shining powder Soluble in chloroform	

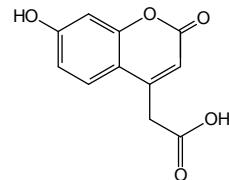
19-408	<b>6-Fluoro-4-hydroxycoumarin, 98%</b> [1994-13-4]  C <sub>9</sub> H <sub>7</sub> FO <sub>3</sub> MW 180.14      mp 253-254°C White fluffy powder Soluble in methanol		250 mg 1 gm
19-525	<b>7-Formyl-6-nitrocoumarin, 99+%</b> C <sub>10</sub> H <sub>5</sub> FO <sub>5</sub>  MW 219.16 mp 212.5-215°C (d) Light brown powder Soluble in dimethylsulfoxide		25 mg
020532	<b>Fraxetin, 98%</b> (7,8-Dihydroxy-6-methoxycoumarin) [574-84-5] C <sub>10</sub> H <sub>8</sub> O <sub>5</sub> MW 208.17 mp ~ 228°C <i>Merck Index 12, 4289</i>		100 mg
<i>Fraxetin-8-glucoside: see 020588S Fraxin</i>			
020525	<b>Fraxidin, 98%</b> (8-Hydroxy-6,7-dimethoxycoumarin) [525-21-3] C <sub>11</sub> H <sub>10</sub> O <sub>5</sub> MW 222.20      mp 196-197°C		10 mg
020588S	<b>Fraxin with HPLC</b> (Fraxetin-8-O-glucoside) [524-30-1] C <sub>16</sub> H <sub>18</sub> O <sub>10</sub> MW 370.31      mp ~205°C <i>Merck Index 12, 4290</i>		10 mg
020560S	<b>5-Geranoxy-7-methoxycoumarin with HPLC, 98%</b> (5-[(3,7-Dimethyl-2,6-octadienyl)oxy]-7-methoxycoumarin) [7380-39-4] C <sub>20</sub> H <sub>24</sub> O <sub>4</sub> MW 328.41 mp 86-88°C Powder		10 mg

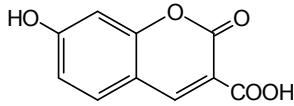
*Herniarin: see H-101 7-Methoxycoumarin*

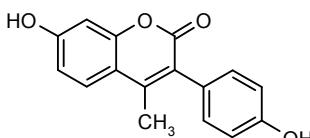
020505	<b>3-Hydroxycoumarin, 98%</b> [939-19-5] $C_9H_6O_3$ MW 162.14 mp 173-176°C White crystalline powder		25 mg 100 mg
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H-105	<b>4-Hydroxycoumarin , 98%</b> [1076-38-6] $C_9H_6O_3$ MW 162.14 mp 212-214°C (dec) Off white powder Soluble in methanol:chloroform (7:3)		5 gm
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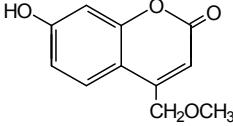
H-017	<b>7-Hydroxycoumarin, 98%</b> (Umbelliferone) [93-35-6] $C_9H_6O_3$ MW 162.14 mp 231-233°C (dec) Pale yellow powder Soluble in methanol (1:1) <i>Merck Index</i> 12, 9981		5 gm
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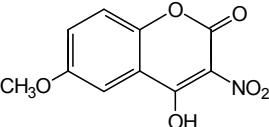
28-004	<b>7-Hydroxycoumarin-4-acetic acid, 97%</b>  $C_{11}H_8O_5$ MW 220.18 mp >195°C Off white solid Soluble in dimethylsulfoxide		100 mg 250 mg
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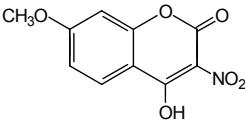
19-146	<b>7-Hydroxycoumarin-3-carboxylic acid, 98%</b> (3-Carboxy-7-hydroxycoumarin) [779-27-1] $C_{10}H_6O_5$ MW 206.16 mp 275-277°C Yellow powder Soluble in DMF		250 mg 1 gm
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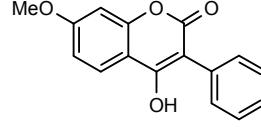
19-815	<b>7-Hydroxy-3(4'-hydroxyphenyl)-4-methylcoumarin, 98%</b>  $C_{16}H_{12}O_4$ MW 268.27 mp above 300°C Off-white powder Soluble in DMF		50 mg 100 mg
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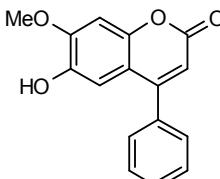
19-348	<b>4-Hydroxy-6-methoxycoumarin, 98%</b> C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17 mp 269-271°C (d) White powder Soluble in DMF		250 mg 1 gm
19-334	<b>4-Hydroxy-7-methoxycoumarin, 98%</b> [17575-15-4] C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17 mp 263-265°C (d) White fluffy powder Soluble in chloroform		250 mg 1 gm
020520	<b>6-Hydroxy-7-methoxycoumarin, 98%</b> (Isoscopoletin) [776-86-3] C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17 mp 186-188°C White fluffy powder Soluble in chloroform		25 mg
H-109	<b>7-Hydroxy-6-methoxycoumarin , 98%</b> (Scopoletin) [92-61-5] C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17      mp 206-208°C Off white powder Soluble in chloroform: methanol (1:1) <i>Merck Index 12, 8552</i>		1 gm
19-627	<b>8-Hydroxy-7-methoxycoumarin, 99+%</b> (Daphnetin-7-methylether) [19492-03-6] C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> MW 192.17      mp 174-176°C White powder Soluble in Ethyl acetate		10 mg 25 mg
19-766	<b>4-Hydroxy-7-methoxy-3(4'-methoxy-phenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30   mp 221.8-223.5°C White powder Soluble in DMF		100 mg 250 mg

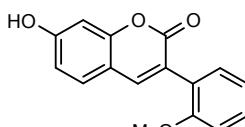
15-003	<b>7-Hydroxy-4-methoxymethylcoumarin, 98%</b> C <sub>11</sub> H <sub>10</sub> O <sub>4</sub> MW 206.20 mp 215-217°C Cream powder		250 mg
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19-371	<b>4-Hydroxy-6-methoxy-3-nitrocoumarin, 98%</b> C <sub>10</sub> H <sub>7</sub> NO <sub>6</sub> MW 237.17 mp 176.4-177.6°C Yellow powder Soluble in excess of chloroform:methanol (1:1)		250 mg 1 gm
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19-349	<b>4-Hydroxy-7-methoxy-3-nitrocoumarin, 98%</b> C <sub>10</sub> H <sub>7</sub> NO <sub>6</sub> MW 237.17 mp 174-177°C Yellow powder Soluble in chloroform:methanol (8:2)		250 mg 1 gm
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19-768	<b>4-Hydroxy-7-methoxy-3-phenylcoumarin, 98%</b> [2555-24-0] C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 204.3-206.5°C White shining powder Soluble in chloroform: methanol (9:1)		100 mg 250 mg
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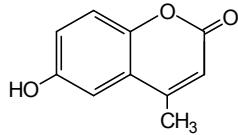
19-865	<b>6-Hydroxy-7-methoxy-4-phenylcoumarin, 99%</b> (Dalbergin) C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 211-214.3°C Light yellow powder Clear solution in DMSO		25 mg
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19-660	<b>7-Hydroxy-3(2'-methoxyphenyl)coumarin, 98+%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 204-206.7°C Pale yellow powder Soluble in Ethyl acetate		100 mg 250 mg
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19-039	<b>7-Hydroxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 233-235°C Pale yellow powder Soluble in DMF Partially soluble in excess of chloroform:methanol (1:1)		250 mg 1 gm
19-103	<b>6-Hydroxy-3(4'-methoxyphenyl)-4-methylcoumarin, 99+%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 233-235°C Cream colored powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
19-040	<b>7-Hydroxy-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 232-234°C Off white powder Soluble in DMF, excess of chloroform:methanol (1:1)		250 mg 1 gm
19-078	<b>7-Hydroxy-3(4'-methoxyphenyl)-4-phenylcoumarin, 98%</b> C <sub>22</sub> H <sub>16</sub> O <sub>4</sub> MW 344.37 mp 256-257°C Light yellow powder Soluble in methanol:chloroform (1:1)		250 mg 1 gm
020566	<b>4-Hydroxy-6-methylcoumarin, 98%</b> [13252-83-0] C <sub>10</sub> H <sub>8</sub> O <sub>3</sub> MW 176.17 mp 262-264°C White powder Soluble in methanol:chloroform (1:1)		5 gm
19-350	<b>4-Hydroxy-7-methylcoumarin, 98%</b> C <sub>10</sub> H <sub>8</sub> O <sub>3</sub> MW 176.17 mp 224-226°C White shining powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm

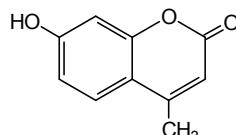
**15-004      6-Hydroxy-4-methylcoumarin, 98%**      1 gm

[2373-31-1]  
C<sub>10</sub>H<sub>8</sub>O<sub>3</sub>  
MW 176.17      mp 244-247°C  
Light yellow powder  
Soluble in DMF



**H-037      7-Hydroxy-4-methylcoumarin, 98+%**      50 gm

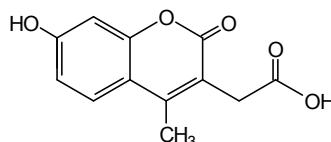
(β-Methylumbelliferon)  
[90-33-5]  
C<sub>10</sub>H<sub>8</sub>O<sub>3</sub>  
MW 176.17  
mp 185-187°C  
*Merck Index 12, 4903*



**19-478      7-Hydroxy-4-methylcoumarin-3-acetic acid, 98%**      50 mg  
100 mg

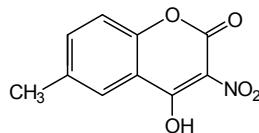


C<sub>12</sub>H<sub>10</sub>O<sub>5</sub>  
MW 234.21  
mp 264-267°C  
White powder  
Soluble in DMF



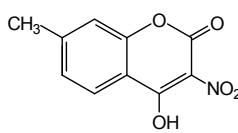
**19-351      4-Hydroxy-6-methyl-3-nitrocoumarin, 98%**      250 mg  
1 gm

C<sub>10</sub>H<sub>7</sub>NO<sub>5</sub>  
MW 221.17  
mp 173-175°C  
Yellow fluffy powder  
Soluble in chloroform:methanol (8:2)



**19-352      4-Hydroxy-7-methyl-3-nitrocoumarin, 98%**      250 mg  
1 gm

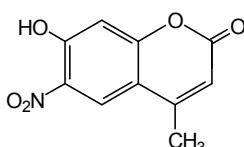
C<sub>10</sub>H<sub>7</sub>NO<sub>5</sub>  
MW 221.17  
mp 197-199°C  
Yellow shining powder  
Soluble in chloroform:methanol (8:2)

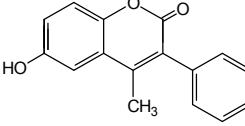


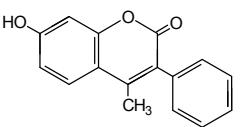
**19-458      7-Hydroxy-4-methyl-6-nitrocoumarin, 98%**      100 mg  
250 mg

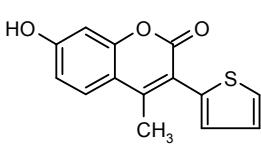


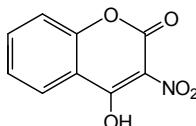
C<sub>10</sub>H<sub>7</sub>NO<sub>5</sub>  
MW 221.17  
mp 262-263°C  
Yellow powder  
Soluble in DMSO

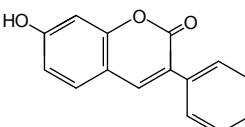


19-104	<b>6-Hydroxy-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 250-251°C Off white to pale cream powder Soluble in chloroform:methanol (1:1)		250 mg 1 gm
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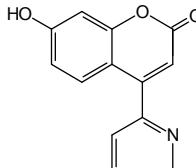
19-022	<b>7-Hydroxy-4-methyl-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 229-232°C Light yellow crystalline powder Soluble in excess of acetone		250 mg 1 gm
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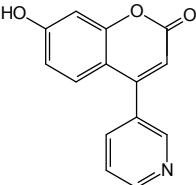
19-816	<b>7-Hydroxy-4-methyl-3-(2-thiophenyl)coumarin, 98%</b> C <sub>14</sub> H <sub>10</sub> O <sub>3</sub> S MW 258.30 mp 231.5-234.5°C Brown color powder Soluble in chloroform:methanol (3:1)		50 mg 100 mg
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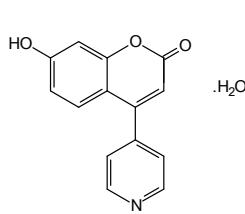
15-005	<b>4-Hydroxy-3-nitrocoumarin, 98%</b> [20261-31-8] C <sub>9</sub> H <sub>6</sub> O <sub>5</sub> N MW 207.14 mp 171-173°C Yellow crystalline powder Soluble in chloroform:methanol (1:1)		1 gm
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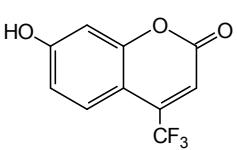
19-054	<b>7-Hydroxy-3-phenylcoumarin, 98%</b> C <sub>15</sub> H <sub>10</sub> O <sub>3</sub> MW 238.25 mp 182-183°C Off white crystalline powder Freely soluble in DMF		250 mg 1 gm
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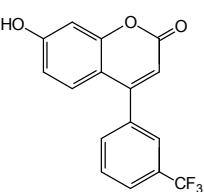
*8-Hydroxysoralen: see 020534 Xanthotoxol*

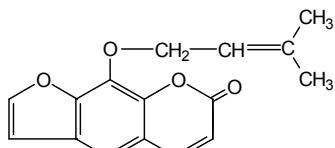
28-005	<b>7-Hydroxy-4-(2-pyridyl)coumarin, 99%</b> C <sub>14</sub> H <sub>9</sub> NO <sub>3</sub> MW 239.23 mp >250°C (dec.) Pink solid Soluble in dimethylsulfoxide		100 mg 250 mg
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28-006	<b>7-Hydroxy-4-(3-pyridyl)coumarin, 97%</b> C <sub>14</sub> H <sub>9</sub> NO <sub>3</sub> MW 239.23 mp >230°C (dec.) Pale pink solid Soluble in DMSO		100 mg 250 mg
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28-007	<b>7-Hydroxy-4-(4-pyridyl)coumarin, 97% monohydrate</b> C <sub>14</sub> H <sub>9</sub> NO <sub>3</sub> .H <sub>2</sub> O MW 257.24 mp >300°C (dec.) Pale yellow solid Soluble in DMSO		100 mg 250 mg
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15-006	<b>7-Hydroxy-4-trifluoromethylcoumarin, 98%</b> [575-03-1] C <sub>10</sub> H <sub>5</sub> O <sub>3</sub> F <sub>3</sub> MW 230.14 mp 178-180°C Pinkish beige crystal solid		250 mg
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28-008	<b>7-Hydroxy-4-(3-trifluoromethylphenyl)coumarin, 97%</b> C <sub>16</sub> H <sub>9</sub> F <sub>3</sub> O <sub>3</sub> MW 306.23 mp >200°C (dec.) Pale pink solid Soluble in DMSO		100 mg 250 mg
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19-226	<b>Imperatorin, 98%</b> (Marmelosin) [482-44-0] C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp 98-100°C Off white powder Soluble in chloroform Merck Index 12, 4960		25 mg
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020519S	<b>Imperatorin with HPLC</b> [482-44-0] mp 100-101°C		5 mg
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020538S	<b>Isobergapten with HPLC, 98%</b> [482-48-4] C <sub>12</sub> H <sub>8</sub> O <sub>4</sub> MW 216.19      mp 222°C Soluble in toluene:ethylformate: formic acid (5:4:1)		5 mg
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19-661	<b>Isopimpenillin, 98+%</b> (4,9-Dimethoxy psoralene) C <sub>13</sub> H <sub>10</sub> O <sub>5</sub> MW 246.22      mp 149-151°C Light yellow fluffy powder Soluble in chloroform		25 mg
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020536S	<b>Isopimpinellin with HPLC, 98%</b> [482-27-9] C <sub>13</sub> H <sub>10</sub> O <sub>5</sub> MW 246.22 mp 148-151°C Yellow powder Soluble in methylene chloride		10 mg
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*Isoscopoletin:* see 020520 6-Hydroxy-7-methoxycoumarin

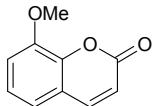
*Limettin:* see D-128 5,7-Dimethoxycoumarin

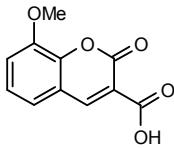
*Marmelosin:* see 020519 S Imperatorin

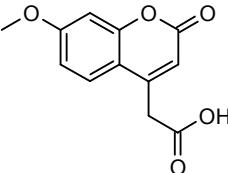
*Methoxsalen:* see 020530 Xanthotoxin

020578	<b>4-Methoxycoumarin, 99+%</b> [20280-81-3] C <sub>10</sub> H <sub>8</sub> O <sub>3</sub> MW 176.17 mp 126-127°C White shining powder Soluble in chloroform		250 mg
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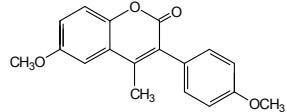
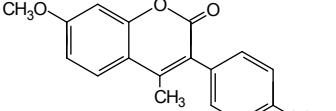
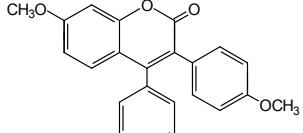
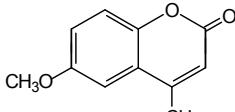
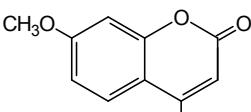
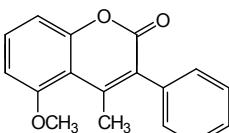
H-101	<b>7-Methoxycoumarin, 99+%</b> (Herniarin) [531-59-9] C <sub>10</sub> H <sub>8</sub> O <sub>3</sub> MW 176.17 mp 117-119°C Wheat colored powder Soluble in chloroform		1 gm
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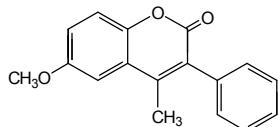
19-884	<b>8-Methoxycoumarin, 98+%</b> [2445-81-0] C <sub>10</sub> H <sub>8</sub> O <sub>3</sub> MW 176.17 mp 88-89°C White powder Soluble in chloroform			100 mg 250 mg
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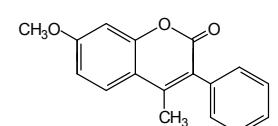
19-674	<b>8-Methoxycoumarin-3-carboxylic acid, 98%</b> C <sub>11</sub> H <sub>8</sub> O <sub>5</sub> MW 220.18 mp 213.8-216°C Yellow fluffy powder Soluble in chloroform : methanol (1:1)			100 mg 250 mg
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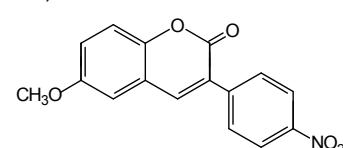
19-849	<b>(7-Methoxycoumarin-4-yl)-acetic acid, 98%</b> [62935-72-2] C <sub>12</sub> H <sub>10</sub> O <sub>5</sub> MW 234.21 mp 192.6-193.8°C White powder Soluble in 1 gram in 80% acetic acid			250 mg 1 gm
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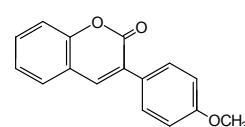
19-041	<b>6-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 149-150°C Light yellow fluffy powder Soluble in chloroform	<table border="0"> <tr> <td>19-042</td><td><b>7-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C<sub>17</sub>H<sub>14</sub>O<sub>4</sub> MW 282.30 mp 184-186°C White powder Soluble in chloroform</td><td> <table border="0"> <tr> <td>19-675</td><td><b>8-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C<sub>17</sub>H<sub>14</sub>O<sub>4</sub> MW 282.30 mp 145.5-147°C Off-white powder Soluble in chloroform</td><td></td><td>&lt;img alt="Chemical structure of 8-methoxy-3(4'-methoxyphenyl)coumarin: A benzene ring fused with a four-membered lactone ring. The 8-position of the benzene ring is substituted with a methoxy group (-OMe). The 3-position of the lactone ring is substituted with a 4-methoxyphenyl group (-C&lt;sub&gt;6H<sub>3</sub>(OCH<sub>3</sub>)<sub>2</sub>).</td><td>100 mg 250 mg</td></tr> </table> </td></tr></table>	19-042	<b>7-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 184-186°C White powder Soluble in chloroform	<table border="0"> <tr> <td>19-675</td><td><b>8-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C<sub>17</sub>H<sub>14</sub>O<sub>4</sub> MW 282.30 mp 145.5-147°C Off-white powder Soluble in chloroform</td><td></td><td>&lt;img alt="Chemical structure of 8-methoxy-3(4'-methoxyphenyl)coumarin: A benzene ring fused with a four-membered lactone ring. The 8-position of the benzene ring is substituted with a methoxy group (-OMe). The 3-position of the lactone ring is substituted with a 4-methoxyphenyl group (-C&lt;sub&gt;6H<sub>3</sub>(OCH<sub>3</sub>)<sub>2</sub>).</td><td>100 mg 250 mg</td></tr> </table>	19-675	<b>8-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 145.5-147°C Off-white powder Soluble in chloroform		<img alt="Chemical structure of 8-methoxy-3(4'-methoxyphenyl)coumarin: A benzene ring fused with a four-membered lactone ring. The 8-position of the benzene ring is substituted with a methoxy group (-OMe). The 3-position of the lactone ring is substituted with a 4-methoxyphenyl group (-C<sub>6H <sub>3</sub> (OCH <sub>3</sub> ) <sub>2</sub> ).	100 mg 250 mg
19-042	<b>7-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 184-186°C White powder Soluble in chloroform	<table border="0"> <tr> <td>19-675</td><td><b>8-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C<sub>17</sub>H<sub>14</sub>O<sub>4</sub> MW 282.30 mp 145.5-147°C Off-white powder Soluble in chloroform</td><td></td><td>&lt;img alt="Chemical structure of 8-methoxy-3(4'-methoxyphenyl)coumarin: A benzene ring fused with a four-membered lactone ring. The 8-position of the benzene ring is substituted with a methoxy group (-OMe). The 3-position of the lactone ring is substituted with a 4-methoxyphenyl group (-C&lt;sub&gt;6H<sub>3</sub>(OCH<sub>3</sub>)<sub>2</sub>).</td><td>100 mg 250 mg</td></tr> </table>	19-675	<b>8-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 145.5-147°C Off-white powder Soluble in chloroform		<img alt="Chemical structure of 8-methoxy-3(4'-methoxyphenyl)coumarin: A benzene ring fused with a four-membered lactone ring. The 8-position of the benzene ring is substituted with a methoxy group (-OMe). The 3-position of the lactone ring is substituted with a 4-methoxyphenyl group (-C<sub>6H <sub>3</sub> (OCH <sub>3</sub> ) <sub>2</sub> ).	100 mg 250 mg			
19-675	<b>8-Methoxy-3(4'-methoxyphenyl)coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 145.5-147°C Off-white powder Soluble in chloroform		<img alt="Chemical structure of 8-methoxy-3(4'-methoxyphenyl)coumarin: A benzene ring fused with a four-membered lactone ring. The 8-position of the benzene ring is substituted with a methoxy group (-OMe). The 3-position of the lactone ring is substituted with a 4-methoxyphenyl group (-C<sub>6H <sub>3</sub> (OCH <sub>3</sub> ) <sub>2</sub> ).	100 mg 250 mg						

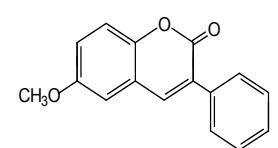
19-105	<b>6-Methoxy-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>4</sub> MW 296.33 mp 182-183°C Pale cream crystalline powder Soluble in chloroform		250 mg 1 gm
19-043	<b>7-Methoxy-3(4'-methoxyphenyl)-4-methylcoumarin, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>4</sub> MW 296.33 mp 143-145°C Off white fluffy powder Soluble in chloroform		250 mg 1 gm
19-044	<b>7-Methoxy-3(4'-methoxyphenyl)-4-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>18</sub> O <sub>4</sub> MW 358.39 mp 205-206°C Yellow powder Soluble in chloroform		250 mg 1 gm
19-045	<b>6-Methoxy-4-methylcoumarin, 98%</b> [6295-35-8] C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 164-165°C White crystalline powder Soluble in chloroform		250 mg 1 gm
M-107	<b>7-Methoxy-4-methylcoumarin, 98%</b> [2555-28-4] C <sub>11</sub> H <sub>10</sub> O <sub>3</sub> MW 190.20 mp 158-160°C White powder Soluble in chloroform		250 mg 1 gm
020589S	<b>7-Methoxy-4-methylcoumarin with G.C., 98%</b>		1 gm
19-409	<b>5-Methoxy-4-methyl-3-phenylcoumarin, 98%</b>  C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> MW 266.30 mp 166-168°C Pale brown crystalline shining powder Soluble in chloroform		250 mg 1 gm

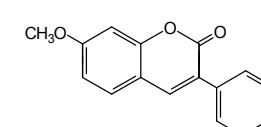
19-106	<b>6-Methoxy-4-methyl-3-phenylcoumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> MW 266.30 mp 149-152°C Off white fluffy powder Soluble in chloroform		250 mg 1 gm
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19-023	<b>7-Methoxy-4-methyl-3-phenylcoumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> MW 266.30 mp 108-109°C Off white powder Soluble in chloroform, ethyl acetate		250 mg 1 gm
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19-080	<b>6-Methoxy-3(4'-nitrophenyl)coumarin, 98%</b> C <sub>16</sub> H <sub>11</sub> NO <sub>5</sub> MW 297.28 mp 269-271°C Yellow powder Excess of dimethyl formamide (DMF)		250 mg 1 gm
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19-046	<b>3(4'-Methoxyphenyl)coumarin, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 142-144°C White crystalline powder Soluble in chloroform		250 mg 1 gm
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19-024	<b>6-Methoxy-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 157-159°C Pale white crystalline powder Soluble in DMF, excess of acetone		250 mg 1 gm
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19-055	<b>7-Methoxy-3-phenylcoumarin, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 122-123°C Fluffy white powder Soluble in excess of chloroform		250 mg 1 gm
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19-081	<b>3(4'-Methoxyphenyl)-4-methyl coumarin, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> MW 266.30 mp 192-193°C White powder Soluble in chloroform		250 mg 1 gm
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*5-Methoxysoralen:* see 020503 Bergapten

*8-Methoxysoralen:* see 020530 Xanthotoxin

020531	<b>6-Methylcoumarin, 98% [92-48-8]</b> C <sub>10</sub> H <sub>8</sub> O <sub>2</sub> MW 160.17 mp 75-77°C		1 gm 5 gm
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020521	<b>7-Methylcoumarin, 98% [2445-83-2]</b> C <sub>10</sub> H <sub>8</sub> O <sub>2</sub> MW 160.17 mp 125-127°C Light violet crystalline powder Soluble in chloroform		100 mg
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*4-Methyldaphnetin:*  
see D-121 7,8-Dihydroxy-4-methylcoumarin

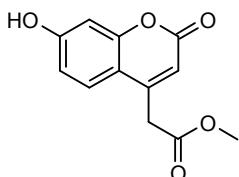
19-784	<b>Methyl-6,7-dihydroxycoumarin-4-acetate, 98%</b> C <sub>12</sub> H <sub>10</sub> O <sub>6</sub> MW 250.21 mp 253-255.6°C Light yellow shining powder Soluble in DMF		100 mg 250 mg
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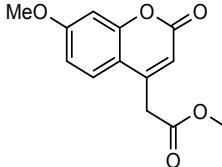
19-785	<b>Methyl-6,7-dimethoxycoumarin-4-acetate, 98%</b> C <sub>14</sub> H <sub>14</sub> O <sub>6</sub> MW 278.26 mp 183.8-185.8°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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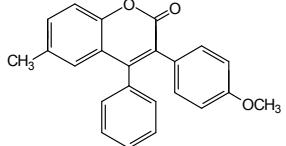
**3,3'-Methylene-bis(4-hydroxycoumarin):**  
see 020509 *Dicoumarol*

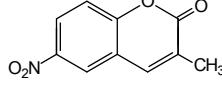
**4-Methylesculetin:**  
see D-009 *6,7-Dihydroxy-4-methylcoumarin*

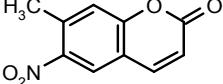
**4-Methyl-7-ethoxycoumarin:**  
see E-107 *7-Ethoxy-4-methylcoumarin*

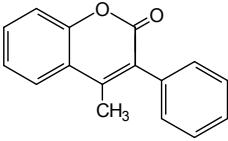
19-852	<b>Methyl-7-hydroxycoumarin-4-acetate, 98%</b> C <sub>12</sub> H <sub>10</sub> O <sub>5</sub> MW 234.21 mp 221-223°C White fluffy powder Soluble in DMSO		100 mg 250 mg
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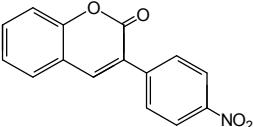
19-853	 <b>Methyl-7-methoxycoumarin-4-acetate, 98%</b> C <sub>13</sub> H <sub>12</sub> O <sub>5</sub> MW 248.24 mp 121-122°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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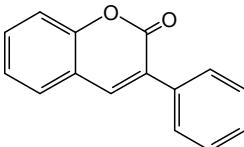
19-107	<b>6-Methyl-3(4'-methoxyphenyl)-4-phenylcoumarin, 98%</b> C <sub>23</sub> H <sub>18</sub> O <sub>3</sub> MW 342.39 mp 200-202°C Pale white powder Soluble in chloroform		250 mg 1 gm
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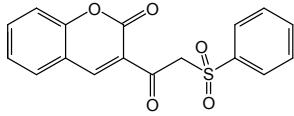
28-009	 <b>3-Methyl-6-nitrocoumarin,&gt;98%</b> C <sub>10</sub> H <sub>7</sub> NO <sub>4</sub> MW 205.17 mp 220-222°C (dec.) Pale orange solid Soluble in chloroform		100 mg 250 mg
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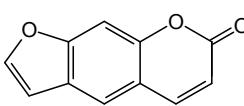
19-629	 <b>7-Methyl-6-nitrocoumarin, 99%</b> C <sub>10</sub> H <sub>7</sub> NO <sub>4</sub> MW 205.17 mp 225-227.8°C Light yellow shining powder Soluble in DMF		1 gm 5 gm
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<b>17-149</b>	<b>4-Methyl-3-phenylcoumarin, 98%</b> [23028-23-1] $C_{16}H_{12}O_2$ MW 236.27 mp 156-158°C White solid Soluble in chloroform		250 mg 1 gm
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<b>19-082</b>	<b>3-(4'-Nitrophenyl)coumarin, 98%</b> $C_{15}H_9NO_4$ MW 267.25 mp 267-268°C Cream color fluffy powder Soluble in hot dimethyl formamide		250 mg 1 gm
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<b>17-152</b>	<b>3-Phenylcoumarin, 98%</b> $C_{15}H_{10}O_2$ MW 222.25 mp 140-142°C Light brown powder Soluble in chloroform		250 mg 1 gm
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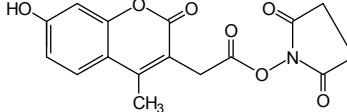
<b>25-085</b>	<b>3-(Phenylsulfonyl)acetylcoumarin, 98%</b> $C_{17}H_{12}O_5S$ M.W. 328.35 mp 154-156°C Brown crystalline powder Soluble in chloroform		100 mg 250 mg
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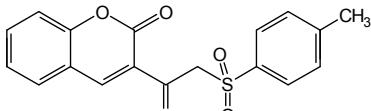
<b>020504</b>	<b>Psoralen [66-97-7]</b> (Ficusin) $C_{11}H_6O_3$ MW 186.16 mp 162-164°C White crystalline needles Soluble in methanol,chloroform,ethylacetate Merck Index 12, 8113		250 mg
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<b>020553S</b>	<b>Psoralen with HPLC [66-97-7]</b>	10 mg
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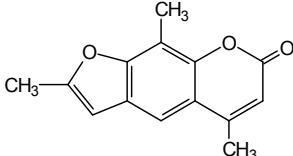
*Scoparone:* see 020551 6,7-Dimethylesculetin

*Scopoletin:* see H-109 7-Hydroxy-6-methoxycoumarin

19-479	<b>N-Succinimidyl-7-hydroxy-4-methyl-3-coumarinyl acetate, 98%</b> C <sub>16</sub> H <sub>13</sub> NO <sub>7</sub> MW 331.28 mp 225-228°C White powder Soluble in chloroform:methanol (1:1)			25 mg 50 mg
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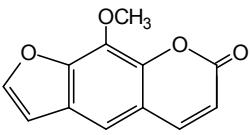
25-091	<b>3-(p-Tolylsulfonyl)acetylcoumarin, 98%</b> C <sub>18</sub> H <sub>14</sub> O <sub>5</sub> S MW 342.37 mp 160-162°C Brown crystalline solid Soluble in chloroform		100 mg 250 mg
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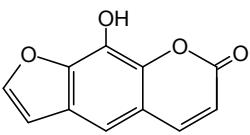
*6,7,8-Trimethoxycoumarin:* see 020565 *Dimethylfraxetin*

020580	<b>Trioxsalen [3902-71-4]</b> (2,5,9-Trimethylpsoralen) C <sub>14</sub> H <sub>12</sub> O <sub>3</sub> MW 228.24 mp 234°C		250 mg
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*Umbelliferone:* see H-017 *7-Hydroxycoumarin*

*Umbelliferone-3-carboxylic acid:* see 19-146  
*7-Hydroxycoumarin-3-carboxylic acid*

020530	<b>Xanthotoxin, 98%</b> (Methoxsalen; 8-Methoxysoralen) [298-81-7] C <sub>12</sub> H <sub>8</sub> O <sub>4</sub> MW 216.19                  mp ~146°C White crystalline powder Soluble in chloroform <i>Merck Index</i> 12, 6068		250 mg
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020534	<b>Xanthotoxol, 98%</b> (8-Hydroxysoralen) [2009-24-7] C <sub>11</sub> H <sub>6</sub> O <sub>4</sub> MW 202.16                  mp ~250°C Light cream colored powder Soluble in chloroform:methanol (1:1)		50 mg
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**19-353****Xanthotoxol geranyl ether, 98%**

[7437-55-0]

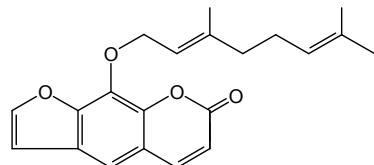
 $C_{21}H_{22}O_4$ 

MW 338.41

mp 54-56°C

Tan color powder

Soluble in chloroform

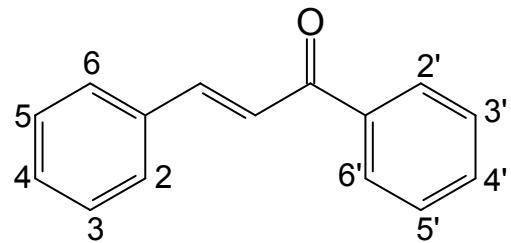


100 mg

250 mg

# CHALCONES

We supply rare and high quality chalcones. They are listed in this section in alphabetical order, with synonyms given below them in parentheses. In addition, we welcome inquiries for non-listed chalcones.



**INDOFINE Chemical Company, Inc.**  
Phone: (908) 359-6778 • Fax: (908) 359-1179

19-482	<b>4-Benzyl-2'-hydroxy-3,4',6'-trimethoxychalcone, 98%</b> C <sub>25</sub> H <sub>24</sub> O <sub>6</sub> MW 420.47 mp 129-131°C Yellow powder Soluble in chloroform		100 mg 250 mg
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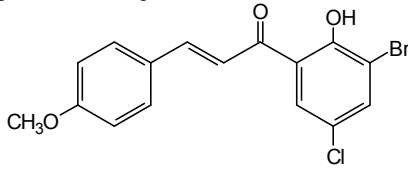
19-483	<b>4-Benzyl-2',3,4',6'-tetramethoxychalcone, 98%</b> C <sub>26</sub> H <sub>26</sub> O <sub>6</sub> MW 434.49 mp 153-155°C Yellow powder Soluble in chloroform		100 mg 250 mg
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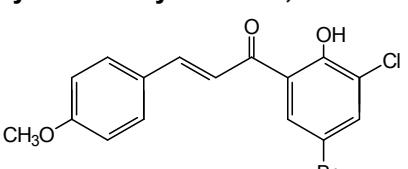
19-806	<b>5'-Bromo-3'-chloro-2,5-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>14</sub> BrClO <sub>4</sub> MW 397.66 mp 160-161.6°C Yellow fluffy powder Soluble in chloroform		50 mg 100 mg
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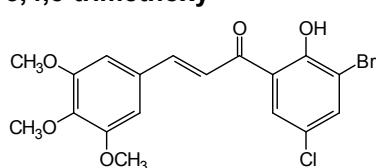
19-440	<b>3'-Bromo-5'-chloro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 337.60 mp 144-146°C Orange shining powder Soluble in chloroform		100 mg 250 mg
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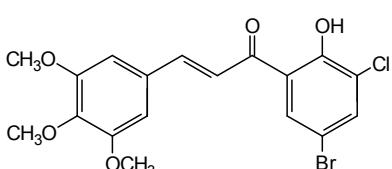
19-441	<b>5'-Bromo-3'-chloro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 337.60 mp 148-150°C Orange powder Soluble in chloroform		100 mg 250 mg
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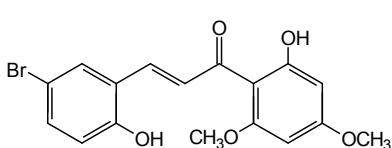
19-512	<b>5'-Bromo-4-chloro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 337.60 mp 186.6-188.1°C Yellow powder Soluble in chloroform		100 mg 250 mg
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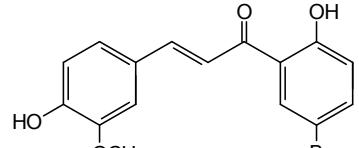
19-425	<b>3'-Bromo-5'-chloro-2'-hydroxy-4-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>12</sub> BrClO <sub>3</sub> MW 367.63 mp 167-170°C Orange shining powder Soluble in chloroform		100 mg 250 mg
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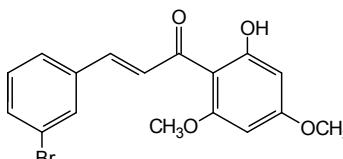
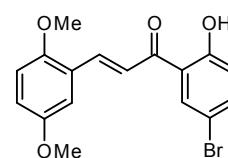
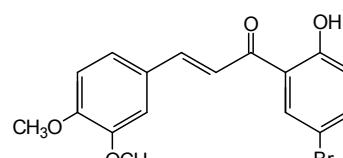
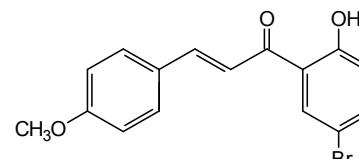
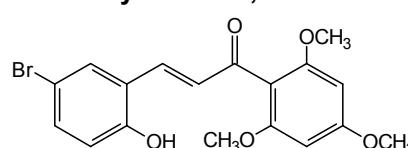
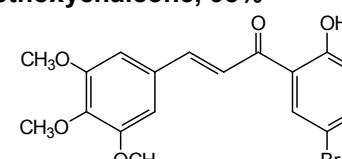
19-442	<b>5'-Bromo-3'-chloro-2'-hydroxy-4-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>12</sub> BrClO <sub>3</sub> MW 367.63 mp 155-157°C Orange powder Soluble in chloroform		100 mg 250 mg
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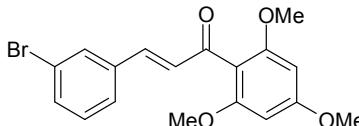
19-426	<b>3'-Bromo-5'-chloro-2'-hydroxy-3,4,5-trimethoxy chalcone, 98%</b> C <sub>18</sub> H <sub>16</sub> BrClO <sub>5</sub> MW 427.68 mp 171-173°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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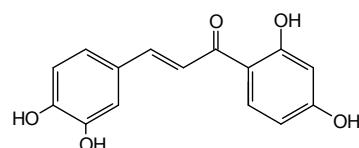
19-443	<b>5'-Bromo-3'-chloro-2'-hydroxy-3,4,5-trimethoxy-chalcone, 98%</b> C <sub>18</sub> H <sub>16</sub> BrClO <sub>5</sub> MW 427.68 mp 174-175°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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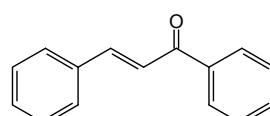
19-484	<b>5-Bromo-2,2'-dihydroxy-4',6'-dimethoxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> BrO <sub>5</sub> MW 379.21 mp 170-173°C Yellow powder Soluble in chloroform		100 mg 250 mg
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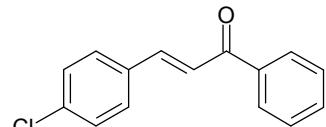
19-444	<b>5'-Bromo-4,2'-dihydroxy-3-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> BrO <sub>4</sub> MW 349.18 mp 172-173°C Orange shining powder Soluble in chloroform		100 mg 250 mg
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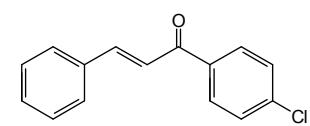
19-485	<b>3-Bromo-4',6'-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> BrO <sub>4</sub> MW 363.21 mp 108-110°C Pale yellow powder Soluble in chloroform		100 mg 250 mg
19-830	<b>5'-Bromo-2,5-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> BrO <sub>4</sub> MW 363.21 mp 127-128.2°C Yellow fluffy powder Soluble in chloroform		50 mg 100 mg
19-389	<b>5'-Bromo-3,4-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> BrO <sub>4</sub> MW 363.21 mp 173-175°C Dark yellow powder Soluble in chloroform		100 mg 250 mg
19-445	<b>5'-Bromo-2'-hydroxy-4-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> BrO <sub>3</sub> MW 333.18 mp 118-120°C Yellow powder Soluble in chloroform		100 mg 250 mg
19-486	<b>5-Bromo-2-hydroxy-2',4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> BrO <sub>5</sub> MW 393.24 mp 207-209°C Pale yellow powder Soluble in chloroform		100 mg 250 mg
19-427	<b>5'-Bromo-2'-hydroxy-3,4,5-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> BrO <sub>5</sub> MW 393.24 mp 169-172°C Orange colored shining powder Soluble in chloroform		100 mg 250 mg

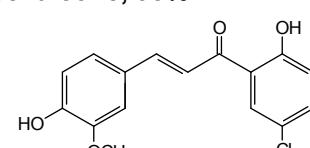
<b>19-556</b>	<b>3-Bromo-2',4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> BrO <sub>4</sub> MW 377.24 mp 92-96°C Yellow powder Soluble in chloroform		100 mg 250 mg
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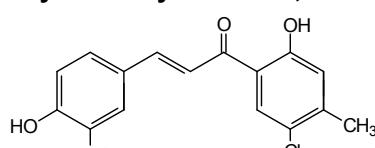
<b>021103S</b>	<b>Butein with HPLC</b> (3,4,2',4'-Tetrahydroxychalcone) [487-52-5] C <sub>15</sub> H <sub>12</sub> O <sub>5</sub> MW 272.26 mp 216°C Yellow powder Soluble in toluene, methanol		10 mg
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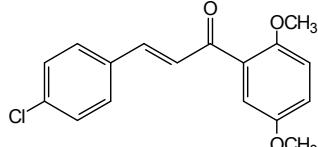
<b>021041</b>	<b>Chalcone [94-41-7]</b> C <sub>15</sub> H <sub>12</sub> O MW 208.26 mp 55-57°C Light yellow powder <i>Merck Index</i> 12, 2078		10 gm
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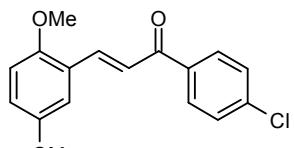
<b>23-002</b>	<b>4-Chlorochalcone, 98+% [956-04-7]</b> C <sub>15</sub> H <sub>11</sub> ClO MW 242.71 mp 114-116°C Yellow shining powder Soluble in chloroform		5 gm
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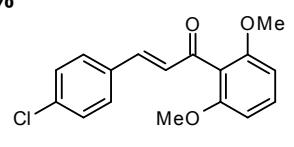
<b>23-003</b>	<b>4'-Chlorochalcone, 98+%</b> [956-02-5] C <sub>15</sub> H <sub>11</sub> ClO MW 242.71 mp 97-98°C Light yellow powder Soluble in chloroform		5 gm
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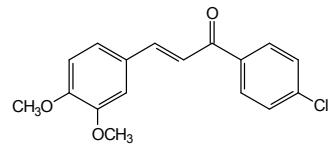
<b>19-447</b>	<b>5'-Chloro-4,2'-dihydroxy-3-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>4</sub> MW 304.73 mp 170-171°C Orange crystalline powder Soluble in ethylacetate		100 mg 250 mg
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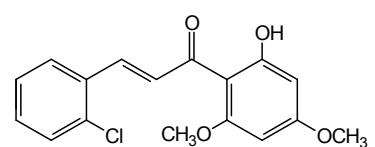
<b>19-462</b>	<b>5'-Chloro-4,2'-dihydroxy-3-methoxy-4'-methylchalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>4</sub> MW 318.76 mp 203-205°C Orange color powder Soluble in ethyl acetate		100 mg 250 mg
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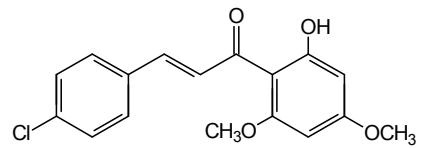
<b>19-513</b>	<b>4-Chloro-2',5'-dimethoxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>3</sub> MW 302.76 mp 83.5-85°C Lemon yellow powder Soluble in chloroform		100 mg 250 mg
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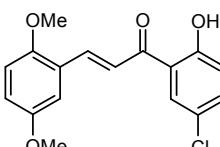
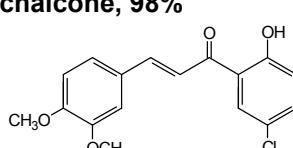
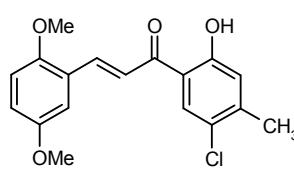
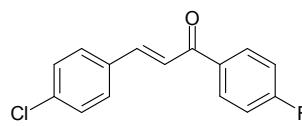
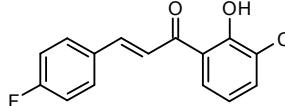
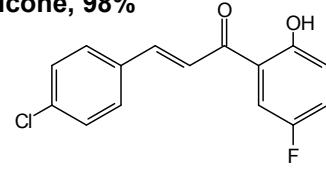
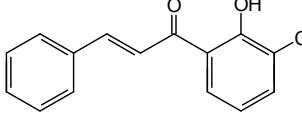
<b>19-807</b>	<b>4'-Chloro-2,5-dimethoxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>3</sub> MW 302.76 mp 75-77°C Yellow powder Soluble in chloroform		50 mg 100 mg
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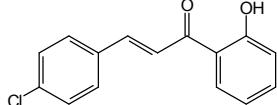
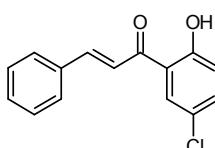
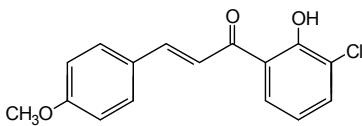
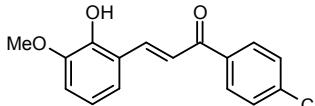
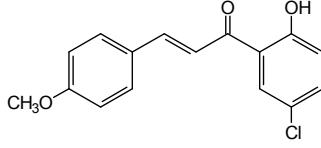
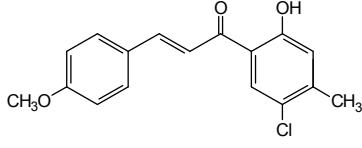
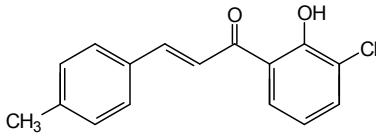
<b>19-693</b>	<b>4-Chloro-2',6'-dimethoxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>3</sub> MW 302.76 mp 88.5-90.5°C Yellow powder Soluble in chloroform		100 mg 250 mg
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<b>19-514</b>	<b>4'-Chloro-3,4-dimethoxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>3</sub> MW 302.76 mp 106.4-107.7°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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<b>19-487</b>	<b>2-Chloro-4',6'-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>4</sub> MW 318.76 mp 133-135°C Dark yellow powder Soluble in chloroform		100 mg 250 mg
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<b>19-488</b>	<b>4-Chloro-4',6'-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>4</sub> MW 318.76 mp 167-168°C Dark yellow powder Soluble in chloroform		100 mg 250 mg
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19-808	<b>5'-Chloro-2,5-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>4</sub> MW 318.76 mp 133.5-135°C Yellow shining powder Soluble in chloroform		50 mg 100 mg
19-393	<b>5'-Chloro-3,4-dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>4</sub> MW 318.76 mp 175-176°C Orange color fluffy powder Soluble in chloroform		100 mg 250 mg
19-809	<b>5'-Chloro-2,5-dimethoxy-2'-hydroxy-4'-methyl chalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> ClO <sub>4</sub> MW 332.79 mp 153.4-154.4°C Yellow fluffy powder Soluble in chloroform		50 mg 100 mg
26-2813	<b>4-Chloro-4'-fluorochalcone, 98%</b> C <sub>15</sub> H <sub>10</sub> ClFO MW 260.70      mp 136-137°C White fluffy powder Soluble in Chloroform		1 gm
19-632	<b>3'-Chloro-4-fluoro-2'-hydroxychalcone, 98+%</b> C <sub>15</sub> H <sub>10</sub> ClFO <sub>2</sub> MW 276.70      mp 159.6-161.5°C Yellow fluffy powder Soluble in chloroform		50 mg 100 mg
19-515	<b>4-Chloro-5'-fluoro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>10</sub> ClFO <sub>2</sub> MW 276.70 mp 177-178.7°C Orange shining powder Soluble in chloroform		100 mg 250 mg
19-394	<b>3'-Chloro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>11</sub> ClO <sub>2</sub> MW 258.71 mp 119.5-120.4°C Yellow powder Soluble in chloroform		250 mg 1 gm

19-516	<b>4-Chloro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>11</sub> ClO <sub>2</sub> MW 258.71 mp 150-152°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
22-384	<b>5'-Chloro-2'-hydroxychalcone, 99%</b> C <sub>15</sub> H <sub>11</sub> ClO <sub>2</sub> MW 258.71 mp 109-110°C Yellow powder Soluble in chloroform		50 mg 100 mg
19-375	<b>3'-Chloro-2'-hydroxy-4-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>3</sub> MW 288.73 mp 139-140°C Soluble in chloroform		100 mg 250 mg
19-666	<b>4'-Chloro-2-hydroxy-3-methoxychalcone, 98+%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>3</sub> MW 288.73 mp 140-142°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
19-429	<b>5'-Chloro-2'-hydroxy-4'-methoxychalcone, 98+%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>3</sub> MW 288.73 mp 109-111°C Yellow powder Soluble in chloroform		100 mg 250 mg
19-430	<b>5'-Chloro-2'-hydroxy-4-methoxy-4'-methylchalcone, 98+%</b> C <sub>17</sub> H <sub>15</sub> ClO <sub>3</sub> MW 302.76 mp 180-183°C Yellow powder Soluble in chloroform		100 mg 250 mg
19-395	<b>3'-Chloro-2'-hydroxy-4-methylchalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>2</sub> MW 272.73 mp 135-137°C Yellow powder Soluble in chloroform		250 mg 1 gm

19-517	<b>4-Chloro-2'-hydroxy-5'-methylchalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>2</sub> MW 272.73 mp 153.8-155.7°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
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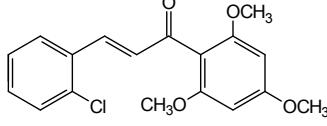
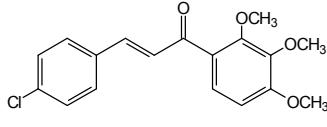
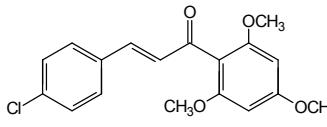
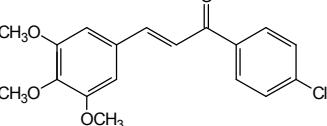
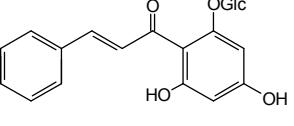
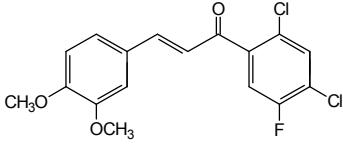
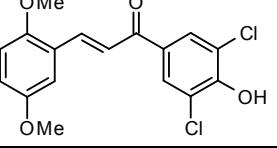
19-396	<b>5'-Chloro-2'-hydroxy-4-methylchalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>2</sub> MW 272.73 mp 131-132°C Yellow powder Soluble in chloroform		250 mg 1 gm
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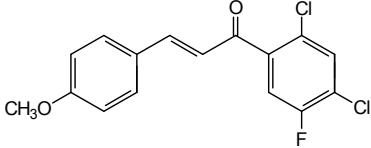
19-431	<b>5'-Chloro-2'-hydroxy-4'-methylchalcone, 98+%</b> C <sub>16</sub> H <sub>13</sub> ClO <sub>2</sub> MW 272.73 mp 142-144°C Yellow powder Soluble in chloroform		100 mg 250 mg
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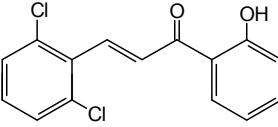
19-448	<b>5'-Chloro-2'-hydroxy-4'-methyl-3,4,5-trimethoxychalcone, 98%</b> C <sub>19</sub> H <sub>19</sub> ClO <sub>5</sub> MW 362.81 mp 147-149°C Orange shining powder Soluble in chloroform		100 mg 250 mg
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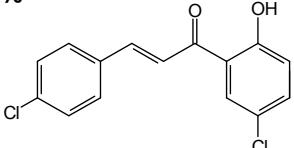
19-432	<b>5'-Chloro-2'-hydroxy-3,4,5-trimethoxychalcone, 98+%</b> C <sub>18</sub> H <sub>17</sub> ClO <sub>5</sub> MW 348.79 mp 174-176°C Orange colored shining powder Soluble in chloroform		100 mg 250 mg
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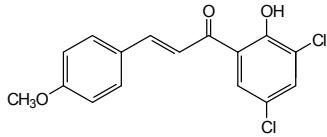
19-518	<b>4'-Chloro-4-methoxychalcone, 99+%</b> [6552-63-2] C <sub>16</sub> H <sub>13</sub> ClO <sub>2</sub> MW 272.73 mp 122.3-124°C Pale yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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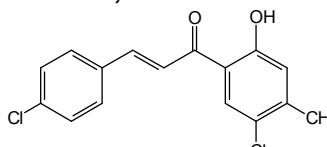
19-489	<b>2-Chloro-2',4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> ClO <sub>4</sub> MW 332.79 mp 127-129°C Off white powder Soluble in chloroform		100 mg 250 mg
19-519	<b>4-Chloro-2',3',4'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> ClO <sub>4</sub> MW 332.79 mp 101.7-103°C Light yellow powder Soluble in chloroform		100 mg 250 mg
19-490	<b>4-Chloro-2',4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> ClO <sub>4</sub> MW 332.79 mp 128-130°C Yellow powder Soluble in chloroform		100 mg 250 mg
19-520	<b>4'-Chloro-3,4,5-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> ClO <sub>4</sub> MW 332.79 mp 121.5-123.1°C Lemon yellow powder Soluble in chloroform		100 mg 250 mg
021252	<b>4-Deoxyphloridzin, 98%</b> C <sub>21</sub> H <sub>24</sub> O <sub>9</sub> MW 420.41 mp 134-136°C Off white powder		10 mg
19-467	<b>2',4'-Dichloro-3,4-dimethoxy-5'-fluorochalcone, 98%</b> C <sub>17</sub> H <sub>13</sub> Cl <sub>2</sub> FO <sub>3</sub> MW 355.20 mp 137-139°C White powder Soluble in chloroform		100 mg 250 mg
19-832	<b>3',5'-Dichloro-2,5-dimethoxy-4'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>4</sub> MW 353.20 mp 186.5-188.5°C Yellow fluffy powder Soluble in chloroform		50 mg 100 mg

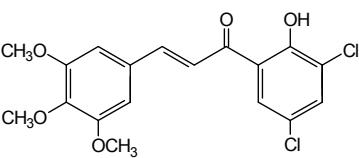
19-468	<b>2',4'-Dichloro-5'-fluoro-4-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>11</sub> Cl <sub>2</sub> FO <sub>2</sub> MW 325.17 mp 105-107°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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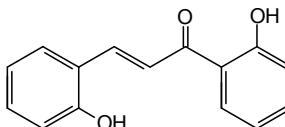
19-376	<b>2,6-Dichloro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 293.15 mp 101-102°C Lemon yellow powder Soluble in chloroform		100 mg 250 mg
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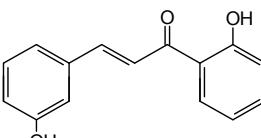
19-521	<b>4,5'-Dichloro-2'-hydroxychalcone, 98%</b> C <sub>15</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 293.15 mp 190.8-192.8°C Yellow powder Soluble in chloroform		100 mg 250 mg
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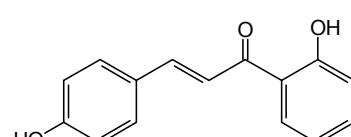
19-433	<b>3',5'-Dichloro-2'-hydroxy-4-methoxychalcone, 98+%</b> C <sub>16</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>3</sub> MW 323.18 mp 160-163°C Orange colored shining powder Soluble in chloroform		100 mg 250 mg
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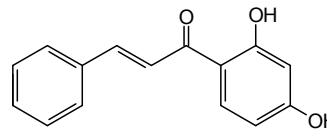
19-522	<b>4,5'-Dichloro-2'-hydroxy-4'-methylchalcone, 98%</b> C <sub>16</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> MW 307.18 mp 188.7-190.7°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
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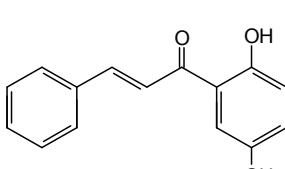
19-449	<b>3',5'-Dichloro-2'-hydroxy-3,4,5-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>16</sub> Cl <sub>2</sub> O <sub>5</sub> MW 383.23 mp 169-170°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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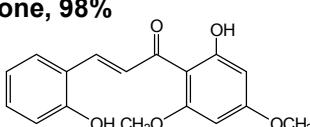
D-501	<b>2,2'-Dihydroxychalcone, 98%</b> [15131-80-3] $C_{15}H_{12}O_3$ MW 240.25      mp 161-162°C Yellow crystals Soluble in chloroform		250 mg
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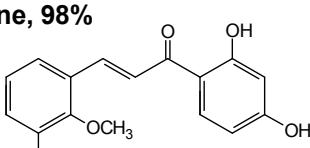
D-502	<b>3,2'-Dihydroxychalcone, 98%</b> $C_{15}H_{12}O_3$ MW 240.25 mp 161-162°C Yellow crystals Soluble in acetone or methanol		250 mg
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D-503	<b>4,2'-Dihydroxychalcone, 98%</b> $C_{15}H_{12}O_3$ MW 240.25 mp 161-162°C Yellow crystals Soluble in methanol		250 mg
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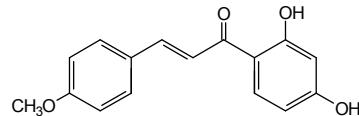
D-504	<b>2',4'-Dihydroxychalcone, 98%</b> [1776-30-3] $C_{15}H_{12}O_3$ MW 240.25      mp 150-151°C Yellow needles Soluble in methanol		100 mg 250 mg
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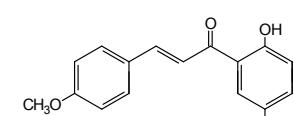
D-601	<b>2',5'-Dihydroxychalcone, 98%</b> $C_{15}H_{12}O_3$ MW 240.25 mp 172-173°C Orange yellow crystals Soluble in methanol		250 mg
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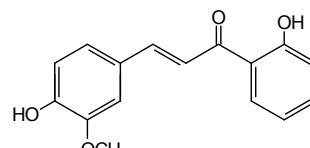
19-535	<b>2,2'-Dihydroxy-4',6'-dimethoxychalcone, 98%</b>  $C_{17}H_{16}O_5$ MW 300.32 mp 172-173°C Yellow powder Soluble in chloroform		100 mg 250 mg
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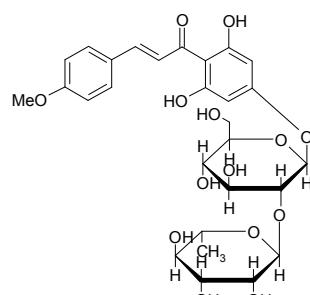
22-207	<b>2',4'-Dihydroxy-2,3-dimethoxychalcone, 98%</b> $C_{17}H_{16}O_5$ MW 300.32 mp 188-189°C Yellow crystals Soluble in acetone or methanol		100 mg
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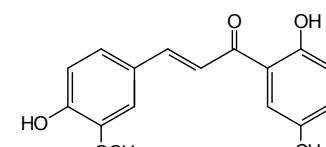
22-208	<b>2',4'-Dihydroxy-3,4-dimethoxychalcone, 97%</b> C <sub>17</sub> H <sub>16</sub> O <sub>5</sub> MW 300.32 mp 208-210°C Yellow crystals Soluble in acetone or methanol		100 mg
021080	<b>2',6'-Dihydroxy-4,4'-dimethoxychalcone</b> [20621-49-2] C <sub>17</sub> H <sub>16</sub> O <sub>5</sub> MW 300.32 mp 165°C		5 mg
021042	<b>4,2'-Dihydroxy-4',6'-dimethoxychalcone, 98%</b> [56798-34-6] C <sub>17</sub> H <sub>16</sub> O <sub>5</sub> MW 300.32 mp 194-196°C Brick red powder Soluble in chloroform		10 mg
021082	<b>2',6'-Dihydroxy-4,4'-dimethoxydihydrochalcone, 98%</b> [35241-54-4] C <sub>17</sub> H <sub>18</sub> O <sub>5</sub> MW 302.33 mp 147°C		5 mg
22-310	<b>2,2'-Dihydroxy-3-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp 182-183°C Orange crystals Soluble in methanol		100 mg 250 mg
D-505	<b>2',4'-Dihydroxy-2-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp 183.8-187°C Yellow fluffy powder Soluble in Ethylacetate		100 mg 250 mg
D-506	<b>2',4'-Dihydroxy-3-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 Yellow fluffy powder Soluble in Ethylacetate		250 mg

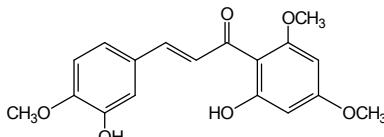
D-507	<b>2',4'-Dihydroxy-4-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp 180.3-182°C Orange color powder Soluble in methanol		250 mg
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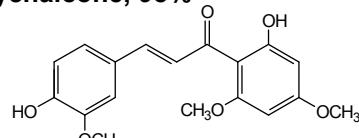
22-347	<b>2',5'-Dihydroxy-4-methoxychalcone, 98%</b> C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp 178-180°C Orange crystals Soluble in methanol		100 mg 250 mg
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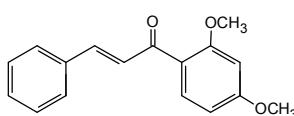
22-337	<b>4,2'-Dihydroxy-3-methoxychalcone, 97+%</b> C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp 129-131°C Yellow crystalline powder Soluble in methanol		50 mg 100 mg
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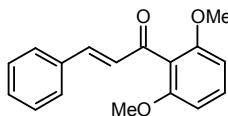
021286	<b>2',6'-Dihydroxy-4-methoxychalcone -4'-O-neohesperidoside</b> C <sub>28</sub> H <sub>34</sub> O <sub>14</sub> MW 594.57		5 mg
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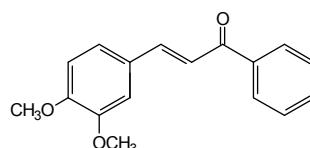
19-451	<b>4,2'-Dihydroxy-3-methoxy-5'-methylchalcone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.31 mp 153-154°C Orange shining powder Soluble in chloroform		100 mg 250 mg
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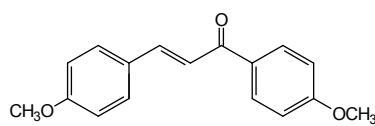
<b>19-536</b>	<b>3,2'-Dihydroxy-4,4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>6</sub> MW 330.34 mp 200-201°C Yellow powder Soluble in Chloroform		100 mg 250 mg
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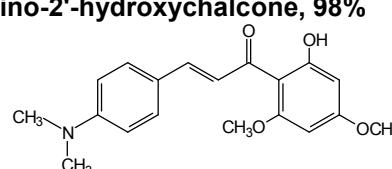
<b>19-491</b>	<b>4,2'-Dihydroxy-3,4',6'-trimethoxychalcone, 98%</b> [69616-74-6] C <sub>18</sub> H <sub>18</sub> O <sub>6</sub> MW 330.34 mp 178-180°C Yellow crystals Soluble in methanol		100 mg 250 mg
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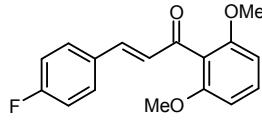
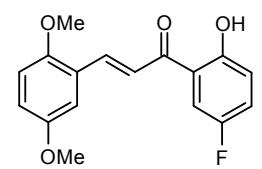
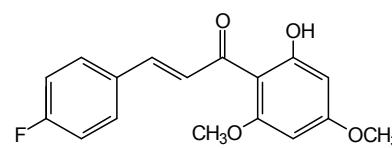
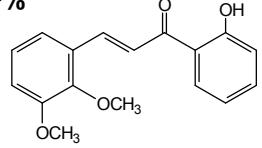
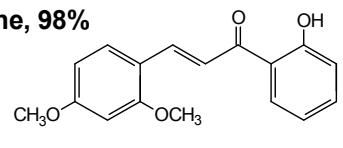
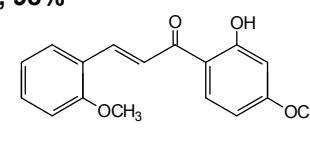
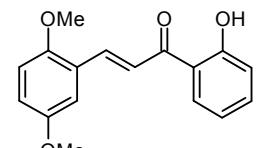
<b>22-300</b>	<b>2',4'-Dimethoxychalcone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>3</sub> MW 268.32 mp 77-78°C Pale yellow crystals Soluble in acetone or methanol		100 mg 250 mg
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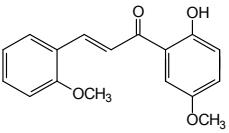
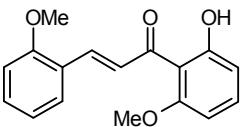
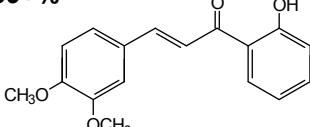
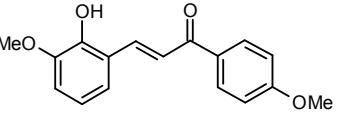
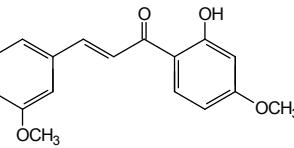
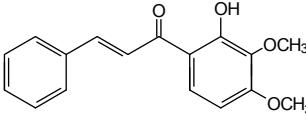
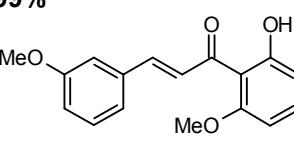
<b>19-668</b>	<b>2',6'-Dimethoxychalcone, 98+%</b> C <sub>17</sub> H <sub>16</sub> O <sub>3</sub> MW 268.32                  mp 124.5-126°C Cream color shining powder Soluble in chloroform		100 mg 250 mg
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<b>021294</b>	<b>3,4-Dimethoxychalcone, 98%</b> [5416-71-7] C <sub>17</sub> H <sub>16</sub> O <sub>3</sub> MW 268.32                  mp 88°C Yellow solid		1 gm
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<b>021295</b>	<b>4,4'-Dimethoxychalcone</b> [2373-89-9] C <sub>17</sub> H <sub>16</sub> O <sub>3</sub> MW 268.30 mp 101°C Light yellow shining powder Soluble in chloroform		1 gm
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<b>19-492</b>	<b>4',6'-Dimethoxy-4-dimethylamino-2'-hydroxychalcone, 98%</b> C <sub>19</sub> H <sub>21</sub> NO <sub>4</sub> MW 327.38 mp 200-204°C Pale red powder Soluble in chloroform		100 mg 250 mg
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19-669	<b>2',6'-Dimethoxy-4-fluorochalcone, 98+%</b> C <sub>17</sub> H <sub>15</sub> FO <sub>3</sub> MW 286.31 mp 101-103°C Cream color shining powder Soluble in chloroform		100 mg 250 mg
19-812	<b>2,5-Dimethoxy-5'-fluoro-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> FO <sub>4</sub> MW 302.31      mp 167.5-169.5°C Yellow fluffy powder Soluble in chloroform		50 mg 100 mg
19-493	<b>4',6'-Dimethoxy-4-fluoro-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> FO <sub>4</sub> MW 302.31 mp 145-147°C Yellow powder Soluble in chloroform		100 mg 250 mg
22-209	<b>2,3-Dimethoxy-2'-hydroxychalcone, 98+%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 102-103°C Yellow shining powder Soluble in chloroform		250 mg 1 gm
021264	<b>2,4-Dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 Mp 104-105°C Yellow crystals Soluble in acetone or methanol		250 mg 1 gm
22-311	<b>2,4'-Dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 92-93°C Yellow crystals Soluble in chloroform		100 mg 250 mg
19-813	<b>2,5-Dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 98-99.6°C Yellow powder Soluble in chloroform		50 mg 100 mg

22-348	<b>2,5'-Dimethoxy-2'-hydroxychalcone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 99-100°C Orange crystals Soluble in methanol		100 mg 250 mg
22-366	 <b>2,6'-Dimethoxy-2'-hydroxychalcone, 99%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 97-98°C Orange shining powder Soluble in chloroform		100 mg 250 mg
H-501	<b>3,4-Dimethoxy-2'-hydroxychalcone, 99+%</b> [19152-36-4] C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32      mp 114-115°C Yellow powder Soluble in chloroform		250 mg 1 gm
19-670	 <b>3,4'-Dimethoxy-2-hydroxychalcone, 98+%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 142.2-144°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
22-325	 <b>3,4'-Dimethoxy-2'-hydroxychalcone, 97%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 80-81°C Yellow crystals Soluble in methanol		100 mg 250 mg
H-502	<b>3',4'-Dimethoxy-2'-hydroxychalcone, 97%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 96-98°C Orange crystals Soluble in methanol or acetone		250 mg
22-367	 <b>3,6'-Dimethoxy-2'-hydroxychalcone, 99%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 84-86°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg

22-221	<b>4,4'-Dimethoxy-2'-hydroxychalcone, 97%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 112-114°C Yellow powder Soluble in methanol		100 mg 250 mg
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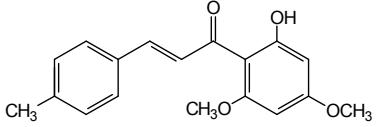
22-368	 <b>4,6'-Dimethoxy-2'-hydroxychalcone, 99%</b> C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 117-119°C Orange shining powder Soluble in chloroform		100 mg 250 mg
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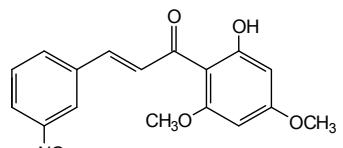
021266	<b>4',6'-Dimethoxy-2'-hydroxychalcone, 98%</b> [1775-97-9] C <sub>17</sub> H <sub>16</sub> O <sub>4</sub> MW 284.32 mp 85-87°C Yellow powder Soluble in chloroform		10 mg
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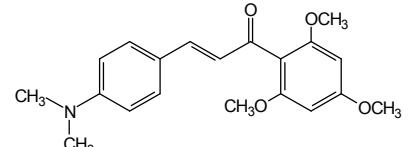
22-302	<b>2,4-Dimethoxy-2'-hydroxy-5'-methylchalcone, 97%</b> C <sub>18</sub> H <sub>18</sub> O <sub>4</sub> MW 298.34 mp 131-133°C Orange crystals Soluble in acetone or methanol		100 mg 250 mg
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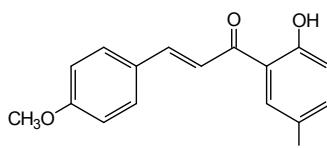
19-814	 <b>2,5-Dimethoxy-2'-hydroxy-5'-methylchalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>4</sub> MW 298.34 mp 101-103.7°C Yellow powder Soluble in chloroform		50 mg 100 mg
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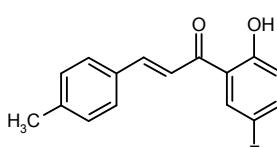
22-303	<b>3,4-Dimethoxy-2'-hydroxy-5'-methylchalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>4</sub> MW 298.34 mp 143-145°C Orange crystals Soluble in acetone or methanol		100 mg 250 mg
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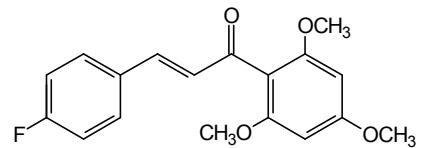
19-495	<b>4',6'-Dimethoxy-2'-hydroxy-4-methylchalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>4</sub> MW 298.34 mp 127-129°C Yellow powder Soluble in chloroform		100 mg 250 mg
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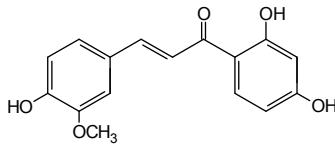
19-496	<b>4',6'-Dimethoxy-2'-hydroxy-3-nitrochalcone, 98%</b> C <sub>17</sub> H <sub>15</sub> NO <sub>6</sub> MW 329.31 mp 153-155°C Light brown powder Soluble in chloroform		100 mg 250 mg
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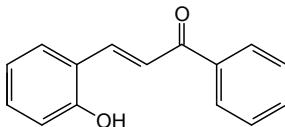
19-497	<b>4-Dimethylamino-2',4',6'-trimethoxychalcone, 98%</b> C <sub>21</sub> H <sub>23</sub> NO <sub>4</sub> MW 341.41 mp 153-155°C Yellow powder Soluble in chloroform		100 mg 250 mg
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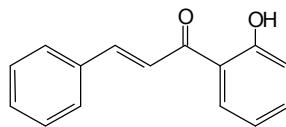
19-434	<b>5'-Fluoro-2'-hydroxy-4-methoxychalcone, 98+%</b> C <sub>16</sub> H <sub>13</sub> FO <sub>3</sub> MW 272.28 mp 126-127°C Orange colored shining powder Soluble in chloroform		100 mg 250 mg
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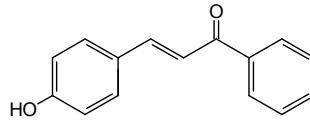
26-3619	<b>5'-Fluoro-2'-hydroxy-4-methylchalcone, 98%</b> C <sub>16</sub> H <sub>13</sub> FO <sub>2</sub> MW 256.28 mp 147-149°C Yellow powder Soluble in chloroform		100 mg 250 mg
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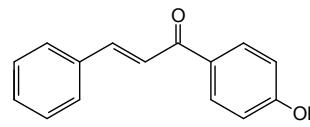
19-498	<b>4-Fluoro-2',4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>17</sub> FO <sub>4</sub> MW 316.33 mp 118-120°C Light yellow powder Soluble in chloroform		100 mg 250 mg
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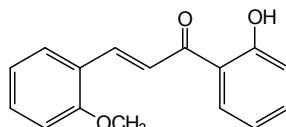
<b>021117S</b>	<b>Homobutein with HPLC, 98%</b> (4,2',4'-Trihydroxy-3-methoxychalcone) [34000-39-0] $C_{16}H_{14}O_5$ MW 286.29 mp 207-212°C Yellow powder		10 mg
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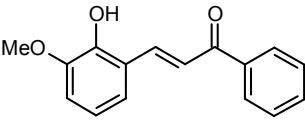
<b>021270</b>	<b>2-Hydroxychalcone, 98%</b> (2-Hydroxybenzylidene acetophenone) [644-78-0] $C_{15}H_{12}O_2$ MW 224.26 mp 150-153°C Fine yellow crystalline powder		5 gm
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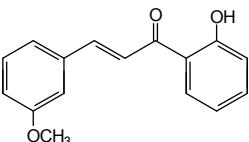
<b>H-014</b>	<b>2'-Hydroxychalcone, 98%</b> [1214-47-4] $C_{15}H_{12}O_2$ MW 224.26 mp 88-89°C Yellow powder Soluble in chloroform		1 gm 5 gm
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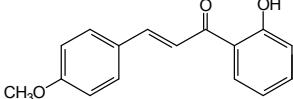
<b>021272</b>	<b>4-Hydroxychalcone, 98%</b> (4-Hydroxybenzylidene acetophenone) [20426-12-4] $C_{15}H_{12}O_2$ MW 224.26 mp 184-186°C Lemon yellow shining powder Soluble in methanol		5 gm
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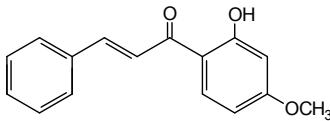
<b>021273</b>	<b>4'-Hydroxychalcone, 98%</b> [2657-25-2] $C_{15}H_{12}O_2$ MW 224.26 mp 177-179°C Yellow fluffy powder Soluble in chloroform:methanol (4:1)		5 gm
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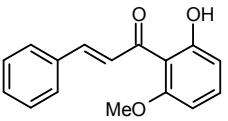
<b>H-503</b>	<b>2'-Hydroxy-2-methoxychalcone, 98%</b> [42220-77-9] $C_{16}H_{14}O_3$ MW 254.29 mp 112-113°C Yellow prisms Soluble in acetone		250 mg 1 gm
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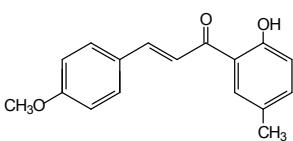
19-672	<b>2-Hydroxy-3-methoxychalcone, 98+%</b> C <sub>16</sub> H <sub>14</sub> O <sub>3</sub> MW 254.29 mp 108.7-110.7°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
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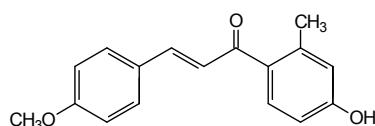
H-504	<b>2'-Hydroxy-3-methoxychalcone, 97%</b> [7146-86-3] C <sub>16</sub> H <sub>14</sub> O <sub>3</sub> MW 254.29 mp 94-95°C Yellow crystals Soluble in acetone or methanol		250 mg
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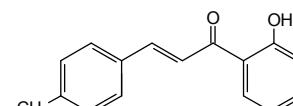
H-505	<b>2'-Hydroxy-4-methoxychalcone, 97%</b> [3327-24-0] C <sub>16</sub> H <sub>14</sub> O <sub>3</sub> MW 254.29 mp 82-83°C Yellow crystals Soluble in hexane:ethylacetate (8:2)		250 mg 1 gm
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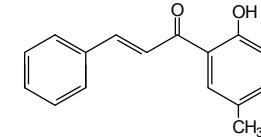
H-506	<b>2'-Hydroxy-4'-methoxychalcone, 98%</b> [39273-61-5] C <sub>16</sub> H <sub>14</sub> O <sub>3</sub> MW 254.29 mp 107-109°C Yellow shining powder Soluble in chloroform		250 mg 1 gm
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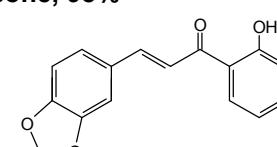
19-673	<b>2'-Hydroxy-6'-methoxychalcone, 99%</b> [42079-68-5] C <sub>16</sub> H <sub>14</sub> O <sub>3</sub> MW 254.29 mp 63-65°C Yellow shining powder Soluble in chloroform		100 mg 250 mg
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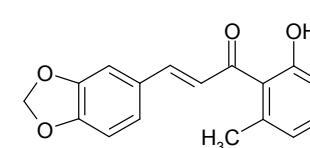
22-305	<b>2'-Hydroxy-4-methoxy-5'-methylchalcone, 97%</b> C <sub>17</sub> H <sub>16</sub> O <sub>3</sub> MW 268.32 mp 97-99°C Orange crystals Soluble in acetone		100 mg 250 mg
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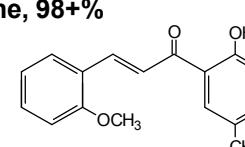
19-453	<b>4'-Hydroxy-4-methoxy-2'-methylchalcone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>3</sub> MW 268.32 mp 151-152°C Yellow crystalline powder Soluble in chloroform:Methanol (1:1)		100 mg 250 mg
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H-507	<b>2'-Hydroxy-4-methylchalcone, 98%</b> C <sub>16</sub> H <sub>14</sub> O <sub>2</sub> MW 238.29 mp 118-120°C Yellow powder Soluble in chloroform		250 mg 1 gm
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H-508	<b>2'-Hydroxy-5'-methylchalcone, 98%</b> C <sub>16</sub> H <sub>14</sub> O <sub>2</sub> MW 238.29 mp 109-110°C Orange crystals Soluble in methanol		250 mg 1 gm
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19-373	<b>2'-Hydroxy-3,4-methylenedioxychalcone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.29		100 mg 250 mg
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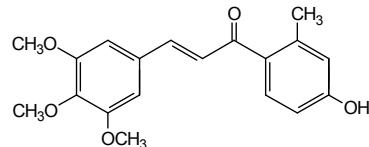
22-376	<b>2'-Hydroxy-6'-methyl-3,4-methylenedioxychalcone, 99%</b> C <sub>17</sub> H <sub>12</sub> O <sub>4</sub> MW 282.30 mp 114-115°C Yellow powder Soluble in chloroform		25 mg 50 mg
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22-312	<b>2'-Hydroxy-5'-methyl-2-methoxychalcone, 98+%</b> C <sub>17</sub> H <sub>16</sub> O <sub>3</sub> MW 268.32 mp 101-103°C Yellow crystals Soluble in methanol		100 mg 250 mg
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19-454	<b>4'-Hydroxy-2'-methyl-3,4,5-trimethoxy chalcone, 98%</b>	100 mg 250 mg
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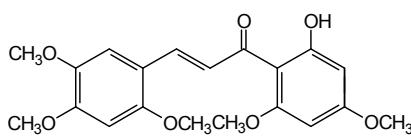
**NEW!**

C<sub>19</sub>H<sub>20</sub>O<sub>5</sub>  
MW 328.37  
mp 176-178°C  
Yellow powder  
Soluble in chloroform:methanol (1:1)



H-509	<b>2'-Hydroxy-2,4,4',5,6'-pentamethoxychalcone, 99+%</b>	50 mg
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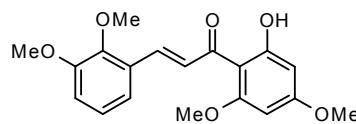
[73694-15-2]  
(Rubone)  
C<sub>20</sub>H<sub>22</sub>O<sub>7</sub>  
MW 374.39  
mp 180-183°C  
Orange crystalline powder  
Soluble in methanol



19-696	<b>2'-Hydroxy-2,3,4',6'-tetramethoxychalcone, 98%</b>	100 mg 250 mg
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**NEW!**

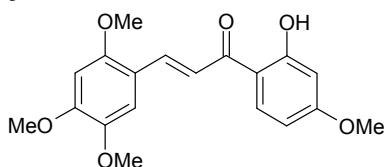
C<sub>19</sub>H<sub>20</sub>O<sub>6</sub>  
MW 344.37  
mp 125-126.6°C  
Yellow fluffy powder  
Soluble in chloroform



22-377	<b>2'-Hydroxy-2,4,4',5-tetramethoxy chalcone, 99%</b>	25 mg 50 mg
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**NEW!**

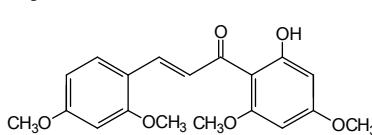
C<sub>19</sub>H<sub>20</sub>O<sub>6</sub>  
MW 344.37  
mp 157-160°C  
Yellow powder  
Soluble in chloroform



22-350	<b>2'-Hydroxy-2,4,4',6'-tetramethoxychalcone, 98%</b>	100 mg 250 mg
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**NEW!**

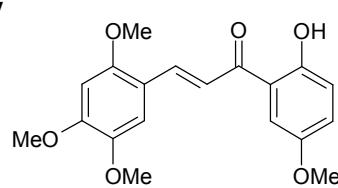
C<sub>19</sub>H<sub>20</sub>O<sub>6</sub>  
MW 344.37  
mp 151-152°C  
Yellow needles  
Soluble in methanol or acetone

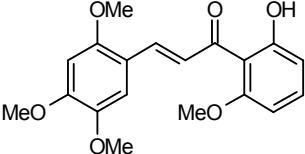
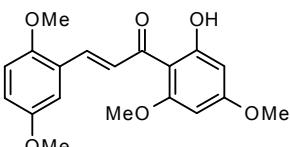
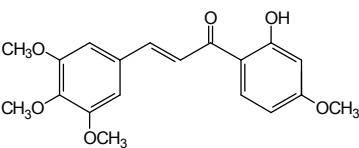
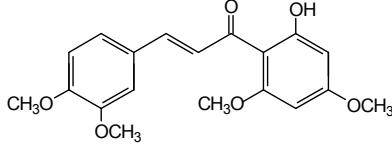
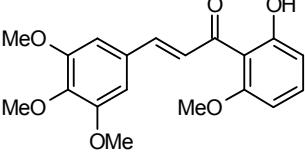
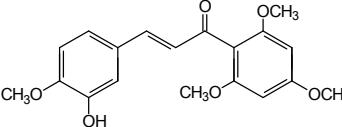


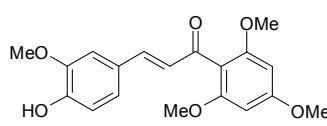
22-378	<b>2'-Hydroxy-2,4,5,5'-tetramethoxy chalcone, 99%</b>	25 mg 50 mg
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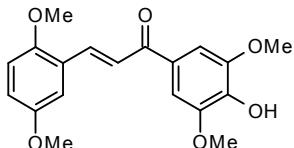
**NEW!**

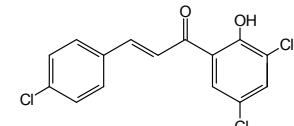
C<sub>19</sub>H<sub>20</sub>O<sub>6</sub>  
MW 344.37  
mp 168-169°C  
Yellow fluffy powder  
Soluble in chloroform

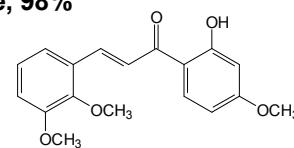


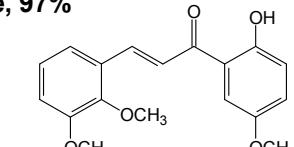
22-370	<b>2'-Hydroxy-2,4,5,6'-tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 134-136 °C Orange fluffy powder Soluble in chloroform		100 mg 250 mg
19-835	<b>2'-Hydroxy-2,4',5,6'-tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 173.7-175°C Yellow powder Soluble in chloroform		50 mg 100 mg
19-435	<b>2'-Hydroxy-3,4,4',5-tetramethoxychalcone, 98+%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 134-135°C Lemon yellow powder Soluble in chloroform		100 mg 250 mg
19-438	<b>2'-Hydroxy-3,4,4',6'-tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 155-157°C Yellow powder Soluble in chloroform		100 mg
22-371	<b>2'-Hydroxy-3,4,5,6'-tetramethoxychalcone, 99%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 134-136°C Yellow powder Soluble in chloroform		100 mg 250 mg
19-564	<b>3-Hydroxy-2',4,4',6'-tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 148-150°C Yellow powder Soluble in methanol		100 mg 250 mg

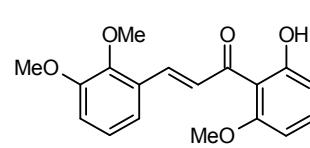
<b>19-565</b>	<b>4-Hydroxy-2',3,4',6'-tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 132-136°C Yellow powder Soluble in methanol		100 mg 250 mg
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<b>19-836</b>	<b>4'-Hydroxy-2,3',5,5'-tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 134.2-137°C Yellow powder Soluble in chloroform		50 mg 100 mg
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<b>19-523</b>	<b>2'-Hydroxy-3',4,5'-trichlorochalcone, 98%</b> C <sub>15</sub> H <sub>9</sub> Cl <sub>3</sub> O <sub>2</sub> MW 327.60 mp 196-197.8°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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<b>22-214</b>	<b>2'-Hydroxy-2,3,4'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 127-129°C Yellow fluffy powder Soluble in chloroform		100 mg
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<b>22-212</b>	<b>2'-Hydroxy-2,3,5'-trimethoxychalcone, 97%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 102-103°C Bright orange needles Soluble in acetone or methanol		100 mg
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<b>22-372</b>	<b>2'-Hydroxy-2,3,6'-trimethoxychalcone, 99%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 112-114°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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**22-213 2'-Hydroxy-2,4,4'-trimethoxychalcone, 97%** 100 mg



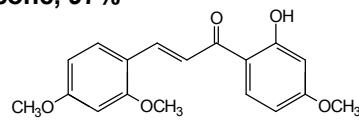
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>

MW 314.34

mp 156-157°C

Yellow needles

Soluble in acetone or methanol



**22-380 2'-Hydroxy-2,4,5-trimethoxychalcone, 99%** 25 mg



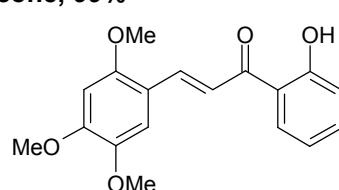
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>

MW 314.34

mp 136-138°C

Yellow shining crystals

Soluble in methanol



**22-203 2'-Hydroxy-2,4,5'-trimethoxychalcone, 97%** 100 mg



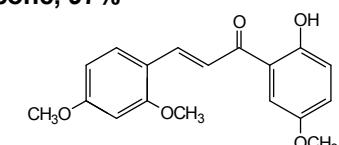
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>

MW 314.34

mp 117-118°C

Orange crystals

Soluble in hexane:chloroform:acetone (10:3:1)



**19-817 2'-Hydroxy-2,4',5-trimethoxychalcone, 98%** 50 mg



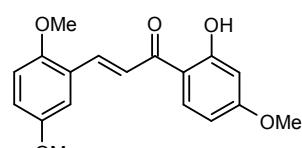
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>

MW 314.34

mp 106.8-107.7°C

Yellow shining powder

Soluble in chloroform



**22-373 2'-Hydroxy-2,4,6'-trimethoxychalcone, 98+%** 100 mg



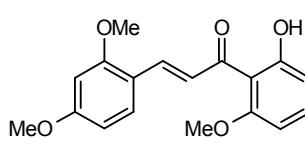
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>

MW 314.34

mp 121-122°C

Yellow powder

Soluble in chloroform



**19-502 2'-Hydroxy-2,4',6'-trimethoxychalcone, 98%** 100 mg



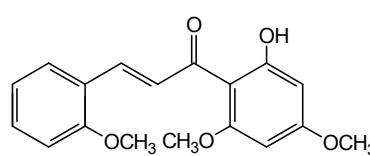
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>

MW 314.34

mp 106-109°C

Yellow powder

Soluble in chloroform



19-500	<b>2'-Hydroxy-2',4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 187-189°C Off white powder Soluble in chloroform	100 mg 250 mg
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**NEW!**

19-818	<b>2'-Hydroxy-2,5,6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 127.8-128.8°C Orange fluffy powder Soluble in chloroform	50 mg 100 mg
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**NEW!**

22-389	<b>2'-Hydroxy-3,3',4'-trimethoxychalcone, 99%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 124-125°C Yellow shining powder Soluble in chloroform	25 mg 50 mg
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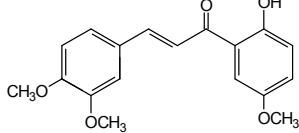
**NEW!**

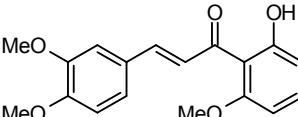
19-455	<b>2'-Hydroxy-3,4,4'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 161-162°C Lemon yellow shining powder Soluble in chloroform	100 mg 250 mg
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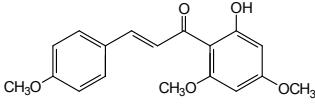
**NEW!**

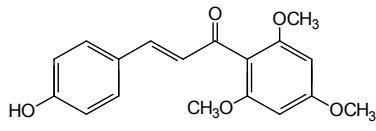
22-397	<b>2'-Hydroxy-3',4',4'-trimethoxychalcone, 98+%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 131-132°C Orange crystals Soluble in Methanol	25 mg 50 mg
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22-307	<b>2'-Hydroxy-3,4,5-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 156-158°C Yellow crystals Soluble in acetone or methanol	100 mg 250 mg
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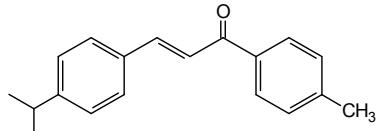
22-223	<b>2'-Hydroxy-3,4,5'-trimethoxychalcone, 97%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 135-136°C Orange-red crystals Soluble in methanol		100 mg
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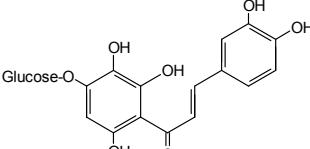
22-374	<b>2'-Hydroxy-3,4,6'-trimethoxychalcone, 98+%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 122-124°C Yellow fluffy powder Soluble in chloroform		100 mg 250 mg
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021043	<b>2'-Hydroxy-4,4',6'-trimethoxychalcone, 98%</b> [3420-72-2] C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 112-114°C Yellow powder Soluble in chloroform		100 mg
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19-566	<b>4-Hydroxy-2',4',6'-trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 196-198°C Yellow powder Soluble in chloroform		100 mg 250 mg
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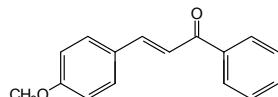
*Isoliquiritigenin: see T-503 4,2',4'-Trihydroxychalcone*

021274	<b>4-Isopropyl-4'-methylchalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O MW 264.37 mp 72-74°C Pale yellow powder Soluble in chloroform		100 mg
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020059S	<b>Marein with HPLC, 98%</b> (Okanin-4'-O-glucoside) [535-96-6] C <sub>21</sub> H <sub>22</sub> O <sub>11</sub> MW 450.39 mp 197-202°C Gold-yellow powder Soluble in water:ethanol: methylethylketone:acetylacetone (13:3:3:1)		5 mg
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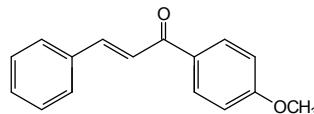
**021216      4-Methoxychalcone, 98%**      1 gm

[959-33-1]  
C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>  
MW 238.29  
mp 77-78°C  
Yellow shining powder  
Soluble in chloroform



**021217      4'-Methoxychalcone, 98%**      10 gm

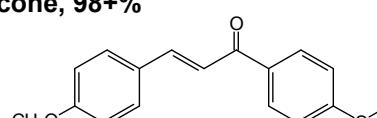
[959-23-9]  
C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>  
MW 238.29  
mp 105-107°C  
White shining powder  
Soluble in chloroform



**19-436      4-Methoxy-4'-(methylthio)chalcone, 98+%**      100 mg  
250 mg



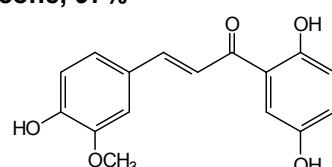
C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>S  
MW 284.38  
mp 133-134°C  
Pale yellow powder  
Soluble in chloroform



**22-343      3-Methoxy-4,2',5'-trihydroxychalcone, 97%**      100 mg  
250 mg



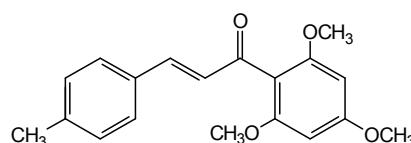
C<sub>16</sub>H<sub>14</sub>O<sub>5</sub>  
MW 284.27  
mp 174-176°C  
Brownish orange crystals  
Soluble in methanol



**19-504      4-Methyl-2',4',6'-trimethoxychalcone, 98%**      100 mg  
250 mg



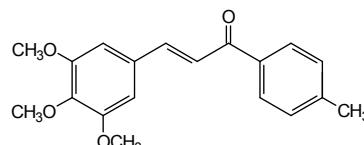
C<sub>19</sub>H<sub>20</sub>O<sub>4</sub>  
MW 312.37  
mp 122-124°C  
Pale yellow powder  
Soluble in ethylacetate



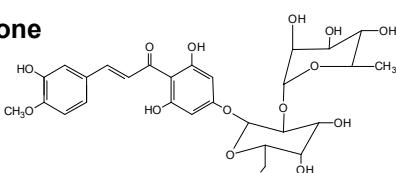
**19-437      4'-Methyl-3,4,5-trimethoxychalcone, 98+%**      100 mg  
250 mg

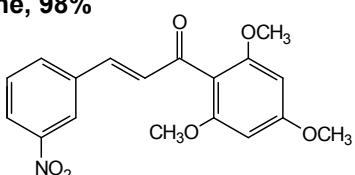


C<sub>19</sub>H<sub>20</sub>O<sub>4</sub>  
MW 312.37  
mp 106-108°C  
Light yellow crystalline powder  
Soluble in chloroform

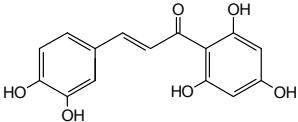


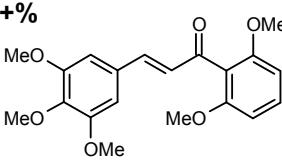
<b>06-021</b>	<b>Naringin Dihydrochalcone, 98%</b> [18915-17-1] MW 582.56 mp 153.7-154°C White powder crystal Soluble in Hot water	25 gm 100 gm
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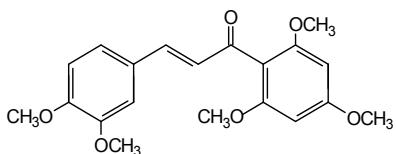
<b>021231</b>	<b>Neohesperidin dihydrochalcone</b> [20702-77-6] C <sub>28</sub> H <sub>36</sub> O <sub>15</sub> MW 612.57 mp 107°C (dec) White crystalline odorless powder <i>Merck Index</i> 12, 6540		10 gm
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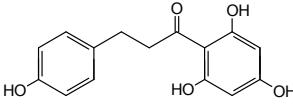
<b>19-505</b>	<b>3-Nitro-2',4',6'-trimethoxychalcone, 98%</b>  C <sub>18</sub> H <sub>17</sub> NO <sub>6</sub> MW 343.34 mp 148-151°C Pale brown powder Soluble in chloroform		100 mg 250 mg
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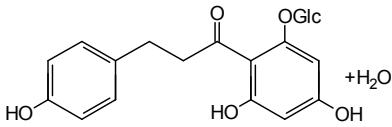
*Oaknin-4'-glucoside* See 020059S *Marein*

<b>021282S</b>	<b>3,4,2',4',6'-Pentahydroxychalcone with HPLC</b> [14917-41-0] C <sub>15</sub> H <sub>12</sub> O <sub>6</sub> MW 288.26		5 mg
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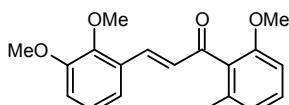
<b>19-676</b>	<b>2',3,4,5,6'-Pentamethoxychalcone, 98+%</b>  C <sub>20</sub> H <sub>22</sub> O <sub>6</sub> MW 358.39 mp 146.5-148°C Cream color powder Soluble in chloroform		100 mg 250 mg
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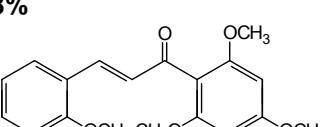
<b>19-439</b>	<b>3,4,2',4',6'-Pentamethoxychalcone, 98+%</b> C <sub>20</sub> H <sub>22</sub> O <sub>6</sub> MW 358.39 mp 106-108°C Yellow powder Soluble in chloroform		100 mg
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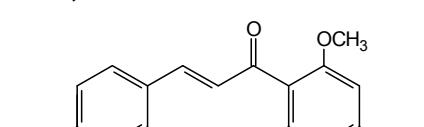
<b>021044</b>	<b>Phloretin [60-82-2]</b> (4,2',4',6'-Tetrahydroxydihydrochalcone) C <sub>15</sub> H <sub>14</sub> O <sub>5</sub> MW 274.26 mp 257-261°C <i>Merck Index 12, 7480</i>		250 mg
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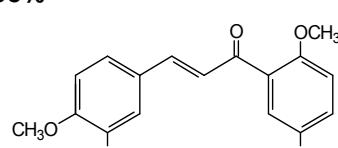
<b>021046</b>	<b>Phloridzin [60-81-1]</b> (Phloretin-2'-O-β-glucoside) C <sub>21</sub> H <sub>24</sub> O <sub>10</sub> MW 436.41 mp 110-120°C <i>Merck Index 12, 7481</i>		2.5 gm
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*Rubone*: see H-509 2'-Hydroxy-2,4,4',5',6'-pentamethoxychalcone

<b>19-677</b>	<b>2',2,3,6'-Tetramethoxychalcone, 98+%</b> C <sub>19</sub> H <sub>20</sub> O <sub>5</sub> MW 328.37 mp 111.5-113°C Off-white powder Soluble in chloroform		100 mg 250 mg
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<b>19-573</b>	<b>2,2',4',6'-Tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>5</sub> MW 328.27 mp 109-112°C Yellow powder Soluble in chloroform		100 mg 250 mg
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<b>19-506</b>	<b>2',4,4',6'-Tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>5</sub> MW 328.37 mp 118-120°C Yellow powder Soluble in chloroform		100 mg 250 mg
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<b>22-313</b>	<b>3,4,2',5'-Tetramethoxychalcone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>5</sub> MW 328.37 mp 91-92°C Yellow crystals Soluble in methanol		100 mg 250 mg
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T-502	<b>2,2',4'-Trihydroxychalcone, 97%</b> [26962-50-5] C <sub>15</sub> H <sub>12</sub> O <sub>4</sub> MW 256.26 mp 186-88°C Yellow crystals Soluble in methanol		250 mg
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22-338	<b>2,2',5'-Trihydroxychalcone, 97%</b> C <sub>15</sub> H <sub>12</sub> O <sub>4</sub> MW 256.26 mp 198-200°C Reddish orange crystals Soluble in methanol		100 mg
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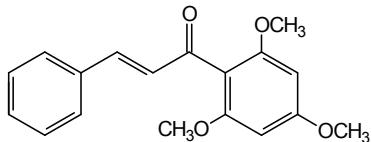
T-501	<b>2',3',4'-Trihydroxychalcone, 97%</b> [1482-74-2] C <sub>15</sub> H <sub>12</sub> O <sub>4</sub> MW 256.26 mp 169-170°C Yellow needles Soluble in methanol		250 mg
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T-503	<b>4,2',4'-Trihydroxychalcone, 97%</b> (Isoliquiritigenin) [961-29-5] C <sub>15</sub> H <sub>12</sub> O <sub>4</sub> MW 256.26 mp 190-195°C Yellow crystals Soluble in methanol		250 mg
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22-314	<b>4,2',5'-Trihydroxychalcone, 97%</b> C <sub>15</sub> H <sub>12</sub> O <sub>4</sub> MW 256.26 mp 231-232°C Orange crystals Soluble in methanol		100 mg 250 mg
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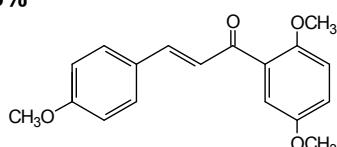
19-678	<b>2',4,6'-Trimethoxychalcone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>4</sub> MW 298.34 mp 100-102°C Light yellow shining powder Soluble in chloroform		100 mg 250 mg
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**19-507      2',4',6'-Trimethoxychalcone, 98%**  
C<sub>18</sub>H<sub>18</sub>O<sub>4</sub>  
MW 298.34  
mp 80-82°C  
Pale yellow powder  
Soluble in chloroform



100 mg  
250 mg

**22-315      4,2',5'-Trimethoxychalcone, 98%**  
C<sub>18</sub>H<sub>18</sub>O<sub>4</sub>  
MW 298.34  
mp 96-97°C  
Yellow crystals  
Soluble in methanol

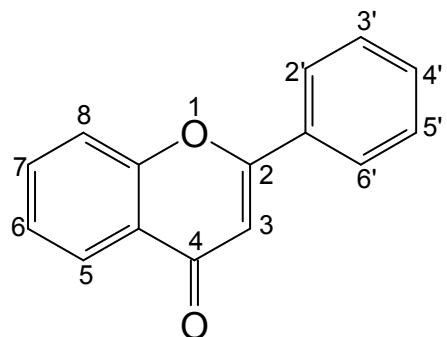


100 mg  
250 mg

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## **FLAVONES**

This directory lists rare and high purity flavones that we currently supply. We also welcome inquiries for non-listed flavones. The listing is alphabetical. Synonyms are listed in parentheses under each entry.

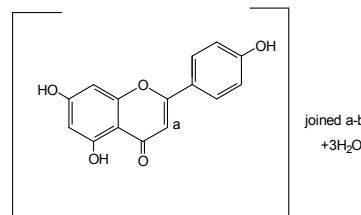


<b>020072</b>	<b>Acacetin</b> (5,7-Dihydroxy-4'-methoxyflavone; Linarigenin) [480-44-4] $C_{16}H_{12}O_5$ MW 284.27 mp 263-266°C Yellow powder Soluble in toluene: ethyl formate:formic acid (5:4:1) <i>Merck Index 12,10</i>	100 mg
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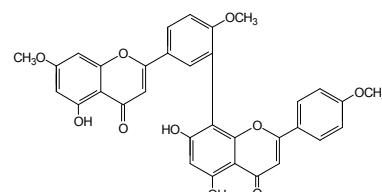
<b>021101S</b>	<b>Acacetin with HPLC</b>	10 mg
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Acacetin-7-rutinoside: see 021169S Linarin

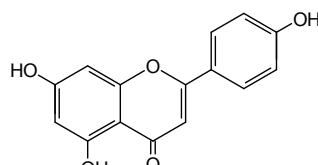
<b>021057S</b>	<b>Amentoflavone with HPLC</b> [1617-53-4] $C_{30}H_{18}O_{10}$ MW 538.46 mp >300°C (dec)	10 mg
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<b>021021S</b>	<b>Amentoflavone-7,4',4'''-trimethyl ether with HPLC</b> (Sciadopitysin) [521-34-6] $C_{33}H_{24}O_{10}$ MW 580.54 mp 296-298°C Soluble in toluene:ethyl formate: formic acid (5:4:1)	5 mg
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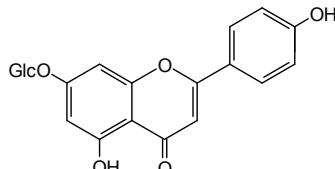


<b>A-002</b>	<b>Apigenin, 97%</b> (5,7,4'-Trihydroxyflavone) [520-36-5] $C_{15}H_{10}O_5$ MW 270.25 mp >350°C (dec) Yellow crystals Soluble in methanol <i>Merck Index 12, 773</i>	500 mg 1 gm
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<b>021102S</b>	<b>Apigenin with HPLC, 97%</b>	10 mg
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*Apigenin-7-apiooglucoside:* see 021003 *Apiin*

021004S	<b>Apigenin-7-O-glucoside with HPLC</b> (Apigetin; Cosmosiin; Cosemetin) [578-74-5] C <sub>21</sub> H <sub>20</sub> O <sub>10</sub> MW 432.38 mp 227-228°C Soluble in water, acetic acid, methanol <i>Merck</i> 12,774		10 mg
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*Apigenin-8-C-glucoside:* see 021232S *Vitexin with HPLC*

*Apigenin-8-C-glucoside-2'-rhamnoside:*  
see 021006 *Vitexin-2"-O-rhamnoside*

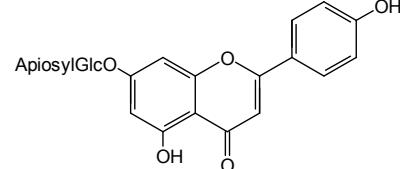
*Apigenin-7-neohesperidoside:* see 020079 *Rhoifolin*

*Apigenin-7-rhamnoglucoside:* see 020079 *Rhoifolin*

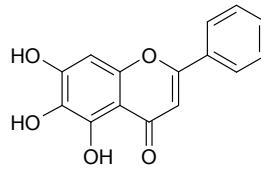
*Apigenin-7-rutinoside:* see 021121S *Isorhoifolin*

*Apigenin trimethyl ether:*  
see A-106 5,7,4'-Trimethoxyflavone

*Apigetin:* see 021004S *Apigenin-7-O-glucoside*

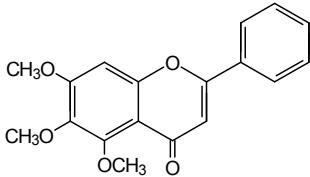
021003	<b>Apiin, 90-95%</b> (Apigenin-7-apiooglucoside) [26544-34-3] C <sub>26</sub> H <sub>28</sub> O <sub>14</sub> MW 564.48 mp 230°C (dec) Yellow powder Soluble in ethyl acetate:formic acid: acetic acid (100:11:11) <i>Merck Index</i> 12, 775		5 mg
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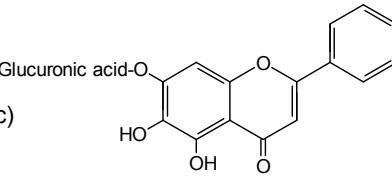
*Astralgin:* see 021243S *Kaempferol-3-glucoside with HPLC*

B-101	<b>Baicalein, 98% [491-67-8]</b> (5,6,7-Trihydroxyflavone) C <sub>15</sub> H <sub>10</sub> O <sub>5</sub> MW 270.24 mp 270-271°C Yellow to yellow green solid Soluble in chloroform <i>Merck Index</i> 12,971		100 mg
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Baicalein-7-O-glucuronide: see 021280S Baicalin with HPLC

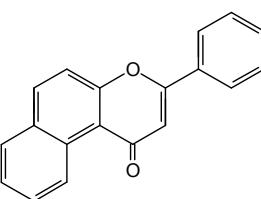
Baicalein-7-methyl ether:  
see D-116 5,6-Dihydroxy-7-methoxyflavone

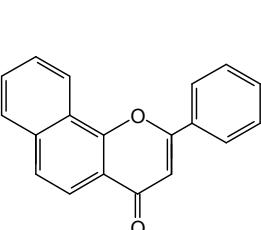
<b>B-251</b>	<b>Baicalein-5,6,7-trimethylether, 98%</b> (5,6,7-Trimethoxyflavone) [973-67-1] $C_{18}H_{16}O_5$ MW 312.33      mp 164-167°C Creamy white crystalline powder		50 mg
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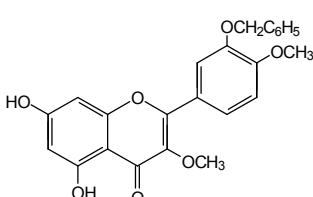
<b>06-012</b>	<b>Baicalin, 99%</b> [21967-41-9] $C_{21}H_{18}O_{11}$ MW 446.36      mp 190°C (dec) Light yellow powder Soluble in DMF		1 gm 5 gm
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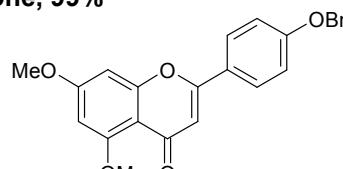
<b>021280S</b>	<b>Baicalin with HPLC</b> (Baicalein-7-O-glucuronide)		5 mg
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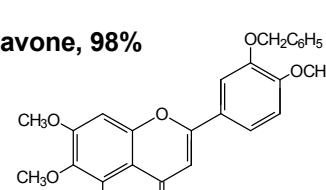
*Barosmin:* see 020081 *Diosmin*

<b>B-002</b>	<b>5,6-Benzoflavone, 98%</b> ( $\beta$ -Naphthoflavone) [6051-87-2] $C_{19}H_{12}O_2$ MW 272.30      mp 164-165°C White crystals Soluble in acetone		5 gm 10 gm
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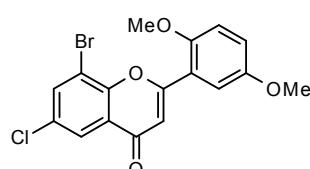
<b>B-003</b>	<b>7,8-Benzoflavone, 98%</b> ( $\alpha$ -Naphthoflavone) [604-59-1] $C_{19}H_{12}O_2$ MW 272.30      mp 156-159°C Off white crystals Soluble in acetone or chloroform		5 gm 10 gm
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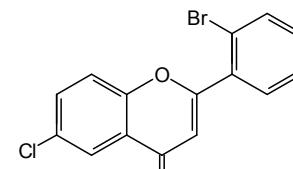
<b>B-104</b>	<b>3'-Benzoyloxy-5,7-dihydroxy-3,4'-dimethoxyflavone, 98%</b> [62507-01-1] $C_{24}H_{20}O_7$ MW 420.42      mp 211-212°C		25 mg
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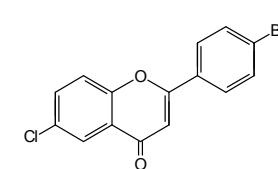
<b>19-887</b>	<b>4'-Benzylxy-5,7-dimethoxyflavone, 99%</b> C <sub>24</sub> H <sub>20</sub> O <sub>5</sub> MW 388.42 mp 180-182°C Off white fluffy powder Soluble in chloroform		25 mg 50 mg
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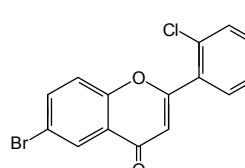
<b>B-105</b>	<b>3'-Benzylxy-5,6,7,4'-tetramethoxyflavone, 98%</b> [21764-08-9] C <sub>26</sub> H <sub>24</sub> O <sub>7</sub> MW 448.47 mp 96-98°C		25 mg
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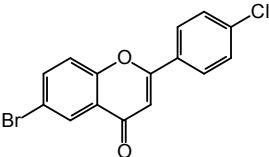
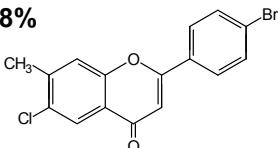
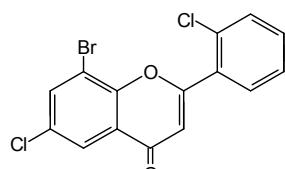
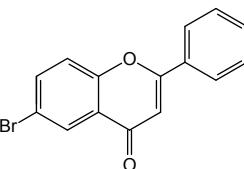
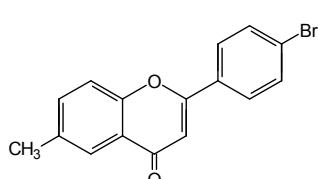
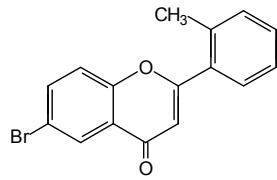
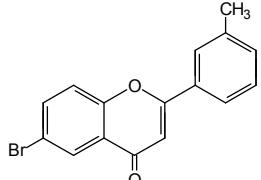
*4',6"-O-Biapigenin: see 021017 Hinokiflavone*

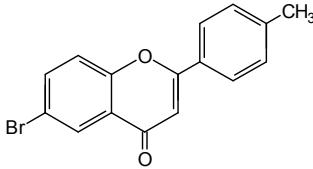
<b>19-829</b>	<b>8-Bromo-6-chloro-2',5'-dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>12</sub> BrClO <sub>4</sub> MW 395.64 mp 189.8-190.2°C Yellow fluffy powder Soluble in chloroform		50 mg 100 mg
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<b>19-386</b>	<b>2'-Bromo-6-chloroflavone, 98%</b> C <sub>15</sub> H <sub>8</sub> BrClO <sub>2</sub> MW 335.58 mp 146-148°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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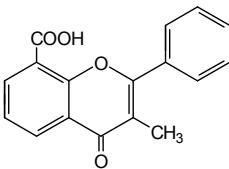
<b>19-315</b>	<b>4'-Bromo-6-chloroflavone, 98%</b> C <sub>15</sub> H <sub>8</sub> BrClO <sub>2</sub> MW 335.58 mp 250-252°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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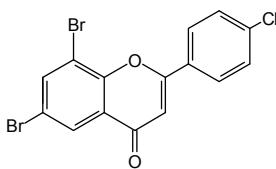
<b>19-180</b>	<b>6-Bromo-2'-chloroflavone, 98%</b> C <sub>15</sub> H <sub>8</sub> BrClO <sub>2</sub> MW 335.58 mp 164.2-165.4°C White fluffy powder Soluble in chloroform		250 mg 1 gm
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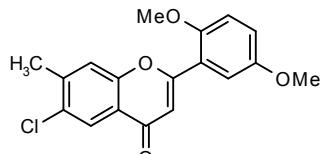
17-018	<b>6-Bromo-4'-chloroflavone, 97%</b> C <sub>15</sub> H <sub>8</sub> BrClO <sub>2</sub> MW 335.58 mp 234-236°C Pale white fluffy solid Soluble in chloroform		250 mg 1 gm
19-316	<b>4'-Bromo-6-chloro-7-methylflavone, 98%</b>  C <sub>16</sub> H <sub>10</sub> BrClO <sub>2</sub> MW 349.61 mp 239-241°C Light cream colored powder Soluble in chloroform		100 mg 250 mg
19-209	<b>8-Bromo-2',6-dichloroflavone, 98%</b>  C <sub>15</sub> H <sub>7</sub> BrCl <sub>2</sub> O <sub>2</sub> MW 370.04 mp 193-194°C White powder Soluble in chloroform		250 mg 1 gm
17-024	<b>6-Bromoflavone, 97%</b> [1218-80-0] C <sub>15</sub> H <sub>9</sub> BrO <sub>2</sub> MW 301.14      mp 192-194°C White fluffy solid Soluble in chloroform		250 mg 1 gm
19-318	<b>4'-Bromo-6-methylflavone, 98%</b>  C <sub>16</sub> H <sub>11</sub> BrO <sub>2</sub> MW 315.17 mp 212-214°C White fluffy powder Soluble in chloroform		100 mg 250 mg
19-319	<b>6-Bromo-2'-methylflavone, 98%</b>  C <sub>16</sub> H <sub>11</sub> BrO <sub>2</sub> MW 315.17 mp 118-120°C Pale yellow powder Soluble in chloroform		100 mg 250 mg
19-320	<b>6-Bromo-3'-methylflavone, 98%</b>  C <sub>16</sub> H <sub>11</sub> BrO <sub>2</sub> MW 315.17 mp 131-132°C White fluffy powder Soluble in chloroform		100 mg 250 mg

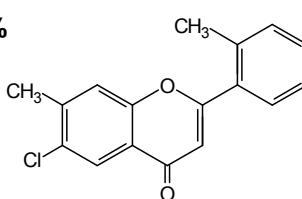
19-298	<b>6-Bromo-4'-methylflavone, 98%</b> C <sub>16</sub> H <sub>11</sub> BrO <sub>2</sub> MW 315.17 mp 196.2-197.8°C Gray colored powder Soluble in chloroform		100 mg 250 mg
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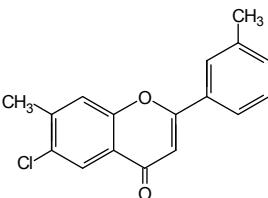
*Cannabiscetin: see C-101 Myricetin*

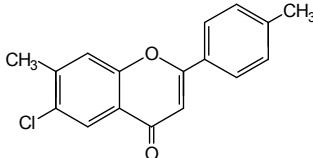
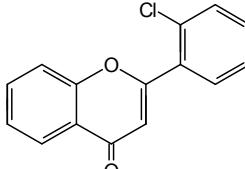
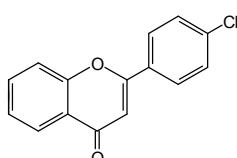
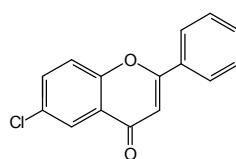
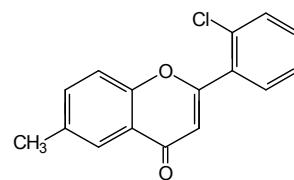
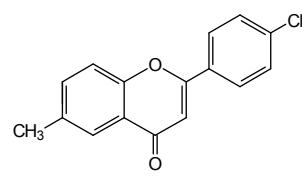
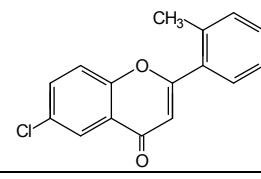
16-001	<b>8-Carboxy-3-methylflavone, 98%</b> (3-Methylflavone-8-carboxylic acid) [3468-01-7] C <sub>17</sub> H <sub>12</sub> O <sub>4</sub> MW 280.28 mp 234-236°C		1 gm
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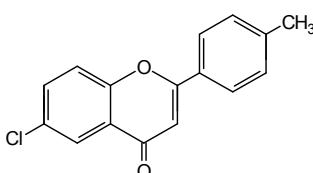
17-041	<b>4'-Chloro-6,8-dibromoflavone, 99%</b> C <sub>15</sub> H <sub>7</sub> Br <sub>2</sub> ClO <sub>2</sub> MW 414.48 mp 248-253°C Whitish orange fluffy solid Soluble in chloroform, benzene		250 mg 1 gm
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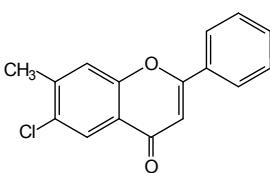
19-831	<b>6-Chloro-2',5'-dimethoxy-7-methylflavone, 98%</b> C <sub>18</sub> H <sub>15</sub> ClO <sub>4</sub> MW 330.77 mp 187-189.8°C Light green powder Soluble in chloroform		50 mg 100 mg
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19-322	<b>6-Chloro-7,2'-dimethylflavone, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 158-160°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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19-323	<b>6-Chloro-7,3'-dimethylflavone, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 144-145°C White fluffy powder Soluble in chloroform		100 mg 250 mg
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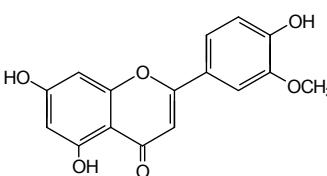
19-300	<b>6-Chloro-7,4'-dimethylflavone, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>2</sub> MW 284.74 mp 178.3-179.7°C Gray colored powder Soluble in chloroform		100 mg 250 mg
19-210	<b>2'-Chloroflavone, 98%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>2</sub> MW 256.69 mp 119-120°C White powder Soluble in chloroform		250 mg 1 gm
17-042	<b>4'-Chloroflavone, 99%</b> C <sub>15</sub> H <sub>9</sub> ClO <sub>2</sub> MW 256.69 mp 168-170°C Whitish green solid Soluble in chloroform, benzene		250 mg 1 gm
17-043	<b>6-Chloroflavone, 98+%</b> [10420-73-2] C <sub>15</sub> H <sub>9</sub> ClO <sub>2</sub> MW 256.69      mp 182-185°C White powder Soluble in chloroform, benzene		250 mg 1 gm
19-211	<b>2'-Chloro-6-methylflavone, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 99-100°C White powder Soluble in chloroform		250 mg 1 gm
17-044	<b>4'-Chloro-6-methylflavone, 99%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 202-205°C White fluffy solid Soluble in chloroform, benzene		250 mg 1 gm
19-326	<b>6-Chloro-2'-methylflavone, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 136-137°C White fluffy powder Soluble in chloroform		100 mg 250 mg

19-301	<b>6-Chloro-4'-methylflavone, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 187.3-189.3°C Gray colored powder Soluble in chloroform		100 mg 250 mg
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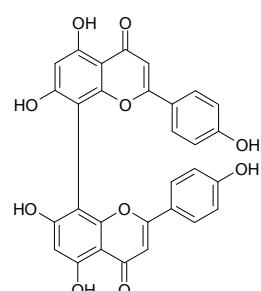
17-069	<b>6-Chloro-7-methylflavone, 98%</b> [147919-60-6] C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 174-176°C White solid Soluble in chloroform		250 mg 1 gm
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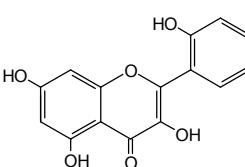
*Chrysin:* see C-005 5,7-Dihydroxyflavone

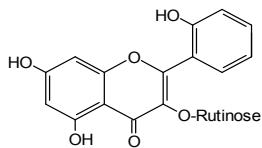
*Chrysin dimethyl ether:* see 021010 5,7-Dimethoxyflavone

021104S	<b>Chrysoeriol with HPLC, 98%</b> (4',5,7-Trihydroxy-3'-methoxyflavone) [491-71-4] C <sub>16</sub> H <sub>12</sub> O <sub>6</sub> MW 300.27 mp >300°C (dec)		5 mg
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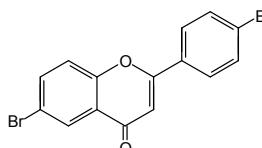
*Cosmosin:* see 021004S Apigenin-7-O-glucoside with HPLC

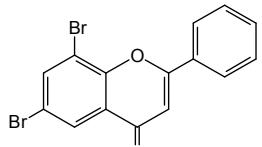
021281S	<b>Cupressuflavone with HPLC</b> [3952-18-9] C <sub>30</sub> H <sub>18</sub> O <sub>10</sub> MW 538.46 Yellow powder		5 mg
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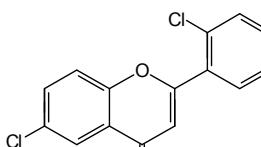
021141S	<b>Datisetin with HPLC, 98%</b> (3,5,7,2'-Tetrahydroxyflavone) [480-15-9] C <sub>15</sub> H <sub>10</sub> O <sub>6</sub> MW 286.25 mp 275-278°C <i>Merck Index 12, 2887</i>		10 mg
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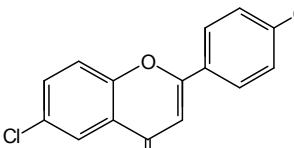
<b>020086</b>	<b>Datiscin, 98%</b> (Datiscetin-3-O-rutinoside) [16310-92-2] $C_{27}H_{30}O_{15}$ MW 594.53		5 mg
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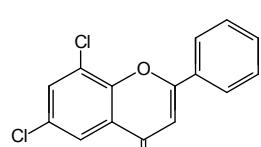
*5-Deoxykaempferol: see T-251 3,7,4'-Trihydroxyflavone*

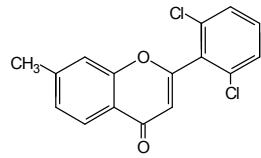
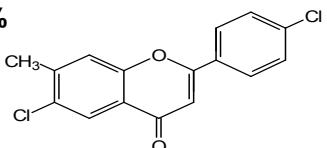
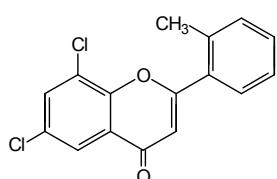
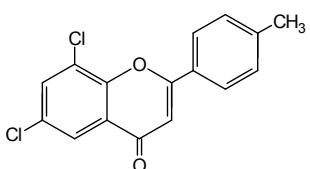
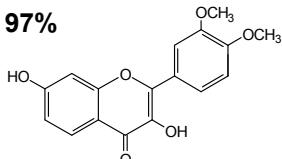
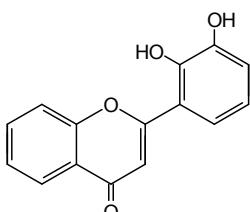
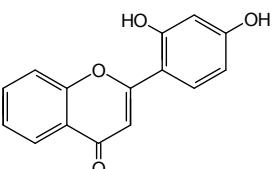
<b>19-327</b>	<b>6,4'-Dibromoflavone, 98%</b>  $C_{15}H_8Br_2O_2$ MW 380.04 mp 250-251°C White powder Soluble in chloroform		100 mg 250 mg
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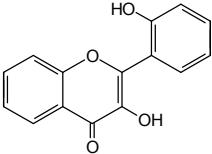
<b>17-092</b>	<b>6,8-Dibromoflavone, 98+%</b> [42079-81-2] $C_{15}H_8Br_2O_2$ MW 380.04 mp 169-175°C Whitish pink fluffy solid Soluble in chloroform		250 mg 1 gm
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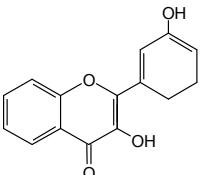
<b>19-201</b>	<b>6,2'-Dichloroflavone, 98%</b>  $C_{15}H_8Cl_2O_2$ MW 291.14 mp 154.8-156°C White shining fluffy powder Soluble in chloroform		250 mg 1 gm
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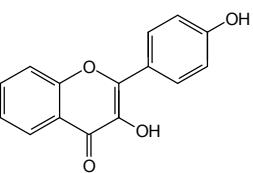
<b>17-105</b>	<b>6,4'-Dichloroflavone, 98+%</b> $C_{15}H_8Cl_2O_2$ MW 291.14 mp 235-237°C White fluffy solid Soluble in chloroform		250 mg 1 gm
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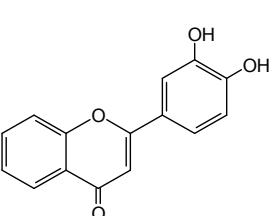
<b>17-106</b>	<b>6,8-Dichloroflavone, 98+%</b> [100914-20-3] $C_{15}H_8Cl_2O_2$ MW 291.14 mp 163-168°C White fluffy solid Soluble in chloroform		250 mg 1 gm
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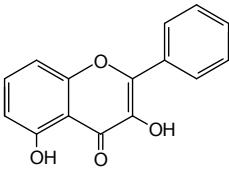
19-203	<b>2',6'-Dichloro-7-methylflavone, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17 mp 182.3-184.7°C Bluish white fluffy powder Soluble in chloroform		250 mg 1 gm
17-111	<b>6,4'-Dichloro-7-methylflavone, 98%</b> C <sub>16</sub> H <sub>10</sub> ClO <sub>2</sub> MW 269.70 mp 216-219°C White fluffy crystalline solid Soluble in chloroform		250 mg 1 gm
19-328	<b>6,8-Dichloro-2'-methylflavone, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17 mp 152-154°C White fluffy powder Soluble in chloroform		100 mg 250 mg
19-308	<b>6,8-Dichloro-4'-methylflavone, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub> MW 305.17 mp 173-174.6°C Off white powder Soluble in chloroform		100 mg 250 mg
D-111	<b>3,7-Dihydroxy-3',4'-dimethoxyflavone, 97%</b> (Fisetin-3',4'-dimethyl ether) C <sub>17</sub> H <sub>14</sub> O <sub>6</sub> MW 314.29 mp 225-226°C Pale yellow crystals Soluble in acetone		50 mg
D-406	<b>2',3'-Dihydroxyflavone, 98%</b> [2554-85-0] C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 246-248°C Yellow crystals Soluble in ethyl acetate		100 mg
D-407	<b>2',4'-Dihydroxyflavone, 98%</b> C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 285-286°C Yellow solid Soluble in ethyl acetate		100 mg

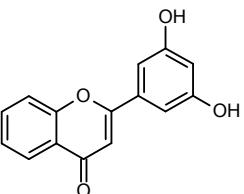
D-252	<b>3,2'-Dihydroxyflavone, 98%</b> [6068-76-4] $C_{15}H_{10}O_4$ MW 254.25 Yellow plates	mp 200-202°C		100 mg 250 mg
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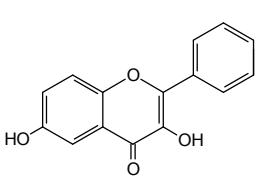
D-602	<b>3,3'-Dihydroxyflavone, 98%</b> [55977-09-8] $C_{15}H_{10}O_4$ MW 254.25 Yellow powder Soluble in DMF	mp 234-236°C		250 mg
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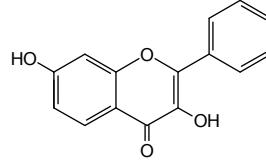
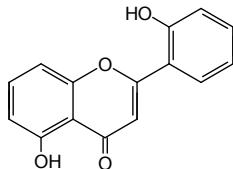
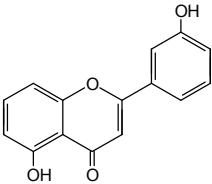
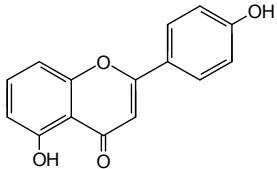
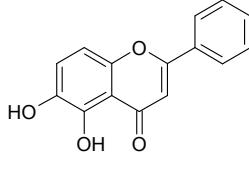
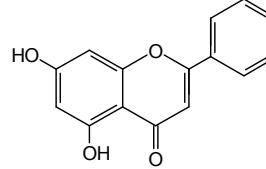
22-206	<b>3,4'-Dihydroxyflavone, 98%</b> [14919-49-4] $C_{15}H_{10}O_4$ MW 254.25 Yellow crystalline material Soluble in acetone	mp 275-276°C		100 mg
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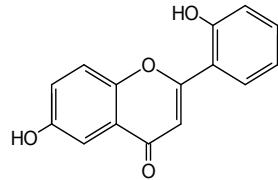
D-258	<b>3',4'-Dihydroxyflavone, 98+%</b> (4-Hydroxyflavonol) [4143-64-0] $C_{15}H_{10}O_4$ MW 254.25 Yellow crystals Soluble in methanol or acetone	mp 250-252°C		100 mg
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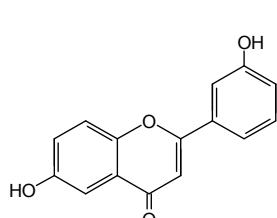
D-408	<b>3,5-Dihydroxyflavone, 98+%</b> [6665-69-6] $C_{15}H_{10}O_4$ MW 254.25 Yellow powder Soluble in chloroform	mp 146-147°C		50 mg 100 mg
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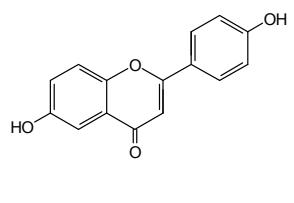
19-868	<b>3',5'-Dihydroxyflavone, 99%</b>  $C_{15}H_{10}O_4$ MW 254.25 mp 253-256°C Yellow powder Soluble in DMSO			100 mg
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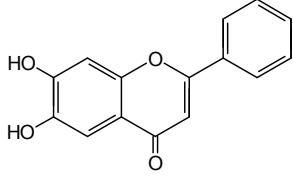
D-256	<b>3,6-Dihydroxyflavone, 98%</b> [108238-41-1] $C_{15}H_{10}O_4$ MW 254.25 Off tan crystals Sparingly soluble in organic solvents	mp 231-234°C		100 mg
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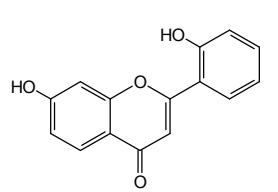
D-257	<b>3,7-Dihydroxyflavone, 98%</b> (7-Hydroxyflavonol) [492-00-2] $C_{15}H_{10}O_4$ MW 254.25 mp 257-259°C Off white crystals Soluble in aqueous alcoholic mixture		250 mg
D-253	<b>5,2'-Dihydroxyflavone, 98%</b> [6674-39-1] $C_{15}H_{10}O_4$ MW 254.25 mp 268-269°C Yellow crystals		250 mg
D-409	<b>5,3'-Dihydroxyflavone, 98%</b> $C_{15}H_{10}O_4$ MW 254.25 mp 256-258°C Yellow crystals Soluble in acetate		100 mg 250 mg
D-251	<b>5,4'-Dihydroxyflavone, 98%</b> [6665-67-4] $C_{15}H_{10}O_4$ MW 254.25 mp 249-251°C Yellow crystals Soluble in chloroform: methanol (8:2)		100 mg 250 mg
22-357	<b>5,6-Dihydroxyflavone, 98%</b> $C_{15}H_{10}O_4$ MW 254.25 mp 189-190°C Pale yellow powder Soluble in chloroform		50 mg 100 mg
C-005	<b>5,7-Dihydroxyflavone, 98%</b> (Chrysin) [480-40-0] $C_{15}H_{10}O_4$ MW 254.25      mp 285-286°C Yellow-tan powder Soluble in 50 mg/ml pyridine Merck Index 12, 2316		1 gm 5 gm

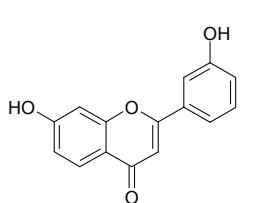
D-254	<b>6,2'-Dihydroxyflavone, 98%</b> C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 300-304°C Yellow crystalline material Soluble in chloroform:methanol (1:1)		100 mg 250 mg
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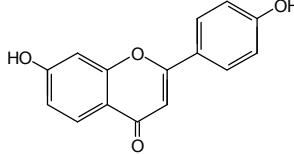
D-410	<b>6,3'-Dihydroxyflavone, 98%</b> C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 300°C Off white crystals Soluble in acetone		100 mg
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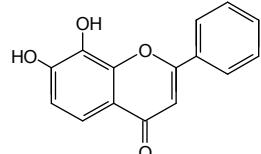
D-250	<b>6,4'-Dihydroxyflavone, 98%</b> [63046-09-3] C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 340°C (dec) Yellow crystals Soluble in Methanol		250 mg
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D-112	<b>6,7-Dihydroxyflavone, 98%</b> [38183-04-9] C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 251-254°C Yellow crystals Soluble in methanol		100 mg
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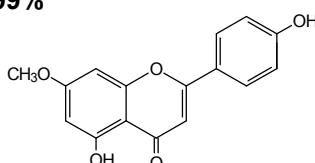
D-255	<b>7,2'-Dihydroxyflavone, 98%</b> C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp ~320°C Yellow crystals Soluble in methanol		250 mg
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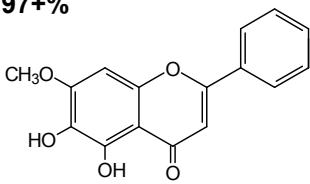
D-411	<b>7,3'-Dihydroxyflavone, 98%</b> C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.25 mp 277-279°C Off white crystals Soluble in acetone		250 mg
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D-412	<b>7,4'-Dihydroxyflavone, 98%</b> [2196-14-7] $C_{15}H_{10}O_4$ MW 254.25      mp 324-325°C Yellow needles Soluble in methanol		100 mg 250 mg
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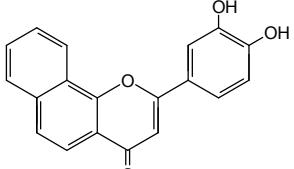
D-008	<b>7,8-Dihydroxyflavone, 99+%</b> [38183-03-8] $C_{15}H_{10}O_4$ MW 254.25      mp 243-246°C Yellow powder Soluble in DMF		5 gm 10 gm
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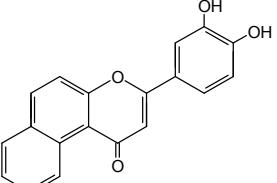
*3',4'-Dihydroxyflavonol:* see T-601 3,3',4'-Trihydroxyflavone

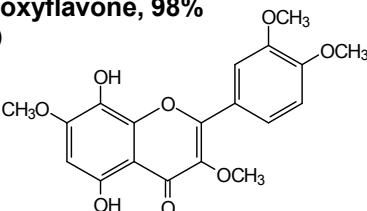
D-115	<b>5,4'-Dihydroxy-7-methoxyflavone, 99%</b> (Genkwanin; 7-Methoxyapigenin) [437-64-9] $C_{16}H_{12}O_5$ MW 284.27      mp 288-290°C Light yellow fluffy powder Soluble in DMF		50 mg
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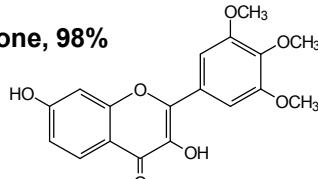
D-116	<b>5,6-Dihydroxy-7-methoxyflavone, 97+%</b> (Baicalein-7-methylether) [29550-13-8] $C_{16}H_{12}O_5$ MW 284.27 mp 220-222°C Small bright orange crystals		50 mg
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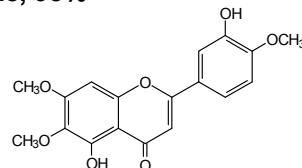
*5,7-Dihydroxy-4'-methoxyflavone:* see 020072 Acacetin

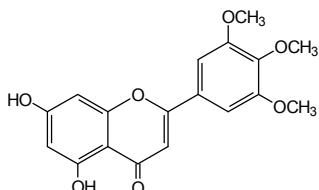
D-413	<b>3',4'-Dihydroxy-<math>\alpha</math>-naphthoflavone, 97%</b> $C_{19}H_{12}O_4$ MW 304.29 mp 316-318°C Pale yellow crystals Soluble in ethyl acetate:methanol mixture		100 mg
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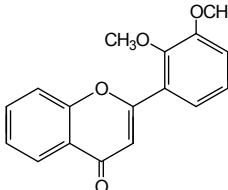
D-414	<b>3',4'-Dihydroxy-<math>\beta</math>-naphthoflavone, 97%</b> $C_{19}H_{12}O_4$ MW 304.29 mp 310-312°C Yellow crystals Soluble in ethyl acetate:methanol mixture		100 mg
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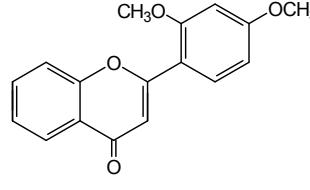
<b>021260</b>	<b>5,8-Dihydroxy-3,7,3',4'-tetramethoxyflavone, 98%</b> (Gossypetin 3,7,3',4'-tetramethyl ether) [7380-44-1] $C_{19}H_{18}O_8$ MW 374.33		5 mg
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<b>D-124</b>	<b>3,7-Dihydroxy-3',4',5'-trimethoxyflavone, 98%</b> (Robinetin trimethyl ether) $C_{18}H_{16}O_7$ MW 344.33 mp 208-210°C		25 mg
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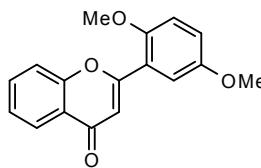
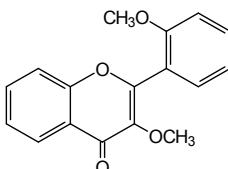
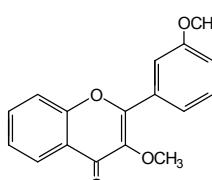
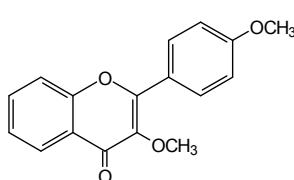
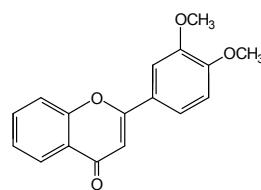
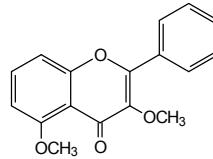
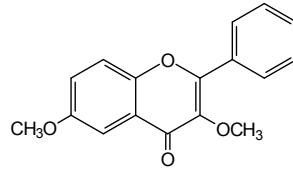
<b>D-123</b>	<b>5,3'-Dihydroxy-6,7,4'-trimethoxyflavone, 98%</b> (Eupatorin) [855-96-9] $C_{18}H_{16}O_7$ MW 344.33 mp 188-192°C Yellow powder <i>Merck Index</i> 12, 3947		25 mg
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<b>021106S</b>	<b>5,7-Dihydroxy-3',4',5'-trimethoxyflavone with HPLC, 98%</b> [18103-42-9] $C_{18}H_{16}O_7$ MW 344.33 mp 266-276°C Yellow powder Soluble in alcohols		10 mg
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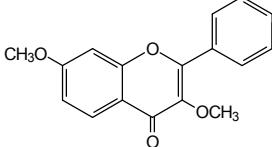
<b>D-603</b>	<b>2',3'-Dimethoxyflavone, 99%</b> $C_{17}H_{14}O_4$ MW 282.30 mp 86-88°C Off white powder Soluble in chloroform		250 mg
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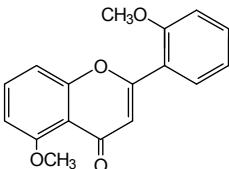
<b>D-420</b>	<b>2',4'-Dimethoxyflavone, 98%</b> [63487-16-1] $C_{17}H_{14}O_4$ MW 282.30 mp 128-130°C Pale yellow solid Soluble in methanol		100 mg
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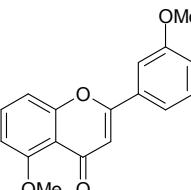
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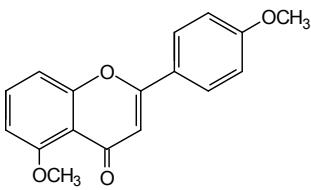
19-833	<b>2',5'-Dimethoxyflavone, 98%</b> [74670-10-3] C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 Yellow powder Soluble in chloroform		50 mg 100 mg
D-421	<b>3,2'-Dimethoxyflavone , 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 145-147°C Off white crystals		100 mg
D-422	<b>3,3'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 86-88°C White crystals Soluble in methanol or acetone		100 mg
D-423	<b>3,4'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 106-108°C White powder Soluble in methanol		250 mg
D-204	<b>3',4'-Dimethoxyflavone, 98%</b> [4143-62-8] C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 153-155°C White crystals Soluble in acetone		100 mg
D-424	<b>3,5-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30		100 mg
D-425	<b>3,6-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 128-129°C White crystals Soluble in chloroform		250 mg

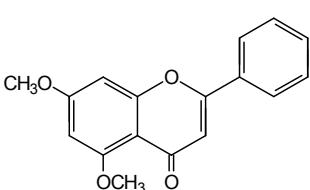
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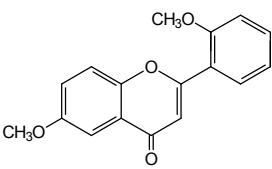
D-426	<b>3,7-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 120-121°C Off white crystals Soluble in acetone		250 mg
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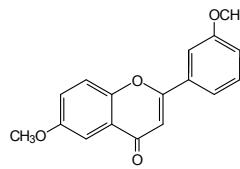
D-263	<b>5,2'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 179-180°C White crystals		250 mg
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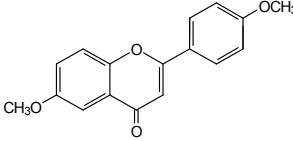
D-427	<b>5,3'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 162-163°C White fluffy crystals Soluble in methanol		50 mg 100 mg
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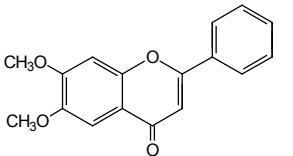
D-260	<b>5,4'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 161-163°C White crystals Soluble in methanol		250 mg
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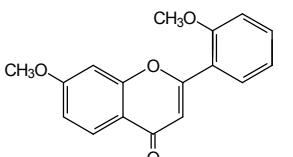
021010	<b>5,7-Dimethoxyflavone, 98%</b> (Chrysin dimethyl ether) [21392-57-4] C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30            mp 143-145°C White crystals Soluble in acetone		50 mg 100 mg
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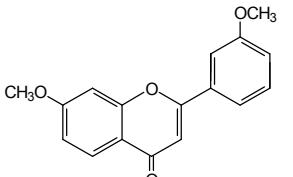
D-264	<b>6,2'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30            mp 145-146°C White crystalline material Soluble in chloroform		250 mg
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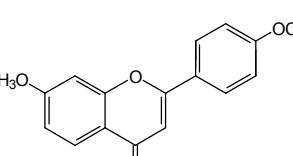
D-428	<b>6,3'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.31 mp 155-156°C White fluffy powder Soluble in chloroform		100 mg
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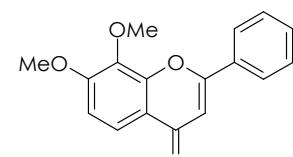
D-265	<b>6,4'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 194-195°C White crystals Soluble in methanol		250 mg
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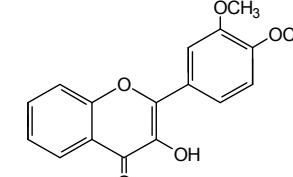
D-429	<b>6,7-Dimethoxyflavone, 98%</b> [26964-27-2] C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 188-189°C White crystals Soluble in methanol		100 mg
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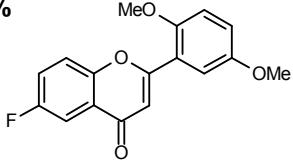
D-266	<b>7,2'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 176-177°C White prisms		250 mg
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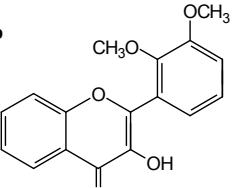
D-430	<b>7,3'-Dimethoxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 152-153°C White crystals Soluble in chloroform		250 mg
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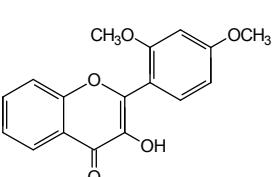
D-431	<b>7,4'-Dimethoxyflavone, 98%</b> [20979-50-4] C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30                mp 133-155°C White powder Soluble in chloroform		250 mg
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D-024	<b>7,8-Dimethoxyflavone, 98%</b> [65548-54-1] C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30                mp 149-151°C White needles Soluble in acetone		500 mg 1 gm
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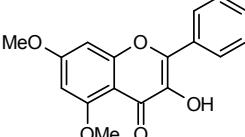
D-604	<b>3',4'-Dimethoxyflavonol, 98%</b> (3-Hydroxy-3',4'-dimethoxyflavone) C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.28                mp 200-201°C Yellow crystals Soluble in methanol		250 mg
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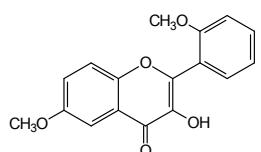
<b>19-834</b>	<b>2',5'-Dimethoxy-6-fluoroflavone, 98%</b> C <sub>17</sub> H <sub>13</sub> FO <sub>4</sub> MW 300.29 Yellow fluffy powder Soluble in chloroform		50 mg 100 mg
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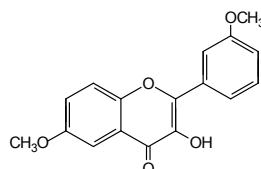
<b>22-219</b>	<b>2',3'-Dimethoxy-3-hydroxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 168-169°C Pale brown crystals Soluble in acetone		100 mg
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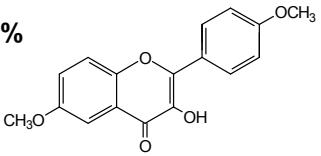
<b>22-211</b>	<b>2',4'-Dimethoxy-3-hydroxyflavone, 97%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 202-204°C Pale yellow prisms Clear solution in acetone or methanol		100 mg
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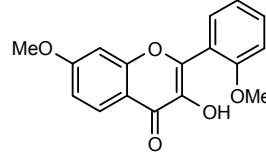
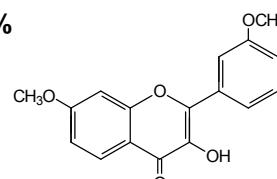
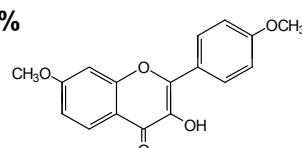
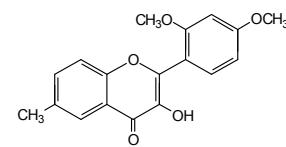
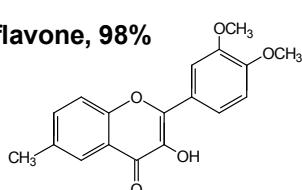
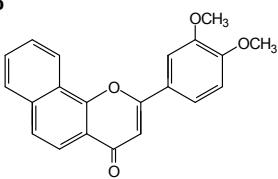
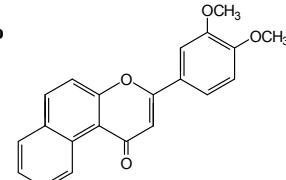
*3',4'-Dimethoxy-3-Hydroxyflavone:* See D-604 *3',4'-Dimethoxyflavonol*

<b>22-385</b>	<b>5,7-Dimethoxy-3-hydroxyflavone, 99%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 175-176°C Light yellow powder Soluble in chloroform		50 mg 100 mg
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<b>22-349</b>	<b>6,2'-Dimethoxy-3-hydroxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 White crystals Soluble in methanol		100 mg 250 mg
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<b>22-333</b>	<b>6,3'-Dimethoxy-3-hydroxyflavone, 97%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 144-145°C Pale yellow crystals Soluble in acetone		100 mg 250 mg
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<b>H-601</b>	<b>6,4'-Dimethoxy-3-hydroxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 205-207°C Soluble in acetone		250 mg
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22-354	<b>7,2'-Dimethoxy-3-hydroxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 205-207°C White powder Soluble in chloroform:Methanol (9:1)		100 mg 250 mg
22-326	 <b>7,3'-Dimethoxy-3-hydroxyflavone, 97%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 168-170°C Pale yellow needles Soluble in acetone		100 mg 250 mg
22-301	<b>7,4'-Dimethoxy-3-hydroxyflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 196-197°C Yellow crystals Soluble in methanol		100 mg 250 mg
22-304	<b>2',4'-Dimethoxy-3-hydroxy-6-methylflavone, 97%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 231-233°C Pale yellow crystals Soluble in methanol		100 mg 250 mg
22-317	 <b>3',4'-Dimethoxy-3-hydroxy-6-methylflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 200-201°C Yellow crystals Soluble in acetone		100 mg 250 mg
D-432	<b>3',4'-Dimethoxy-<math>\alpha</math>-naphthoflavone, 98%</b> C <sub>21</sub> H <sub>16</sub> O <sub>4</sub> MW 332.34 mp 191-192°C White crystals Soluble in methanol		100 mg
D-433	<b>3',4'-Dimethoxy-<math>\beta</math>-naphthoflavone, 98%</b> C <sub>21</sub> H <sub>16</sub> O <sub>4</sub> MW 332.34 mp 167-168°C White crystals Soluble in methanol		25 mg

S-105	<b>3',5'-Dimethoxy-3,5,7,4'-tetrahydroxyflavone, 98%</b> (Syringetin) [4423-37-4] $C_{17}H_{14}O_8$ MW 346.29 mp 287-289°C		10 mg
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021239S	<b>3',5'-Dimethoxy-3,5,7,4'-tetrahydroxyflavone with HPLC, 98%</b> (Syringetin with HPLC) [4423-37-4]	10 mg
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T-110	<b>3,4'-Dimethoxy-5,7,3'-trihydroxyflavone, 98%</b> (5,7,3'-Trihydroxy-3,4'-dimethoxyflavone) [33429-83-3] $C_{17}H_{14}O_7$ MW 330.30 mp 229-230°C		5 mg
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021301	<b>6,7-Dimethoxy-5,3',4'-trihydroxyflavone, 95%</b> (Cirsiliol) [34334-69-5] $C_{17}H_{14}O_7$ MW 330.30 Yellow solid		5 mg
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19-329	<b>6,2'-Dimethylflavone, 98%</b> $C_{17}H_{14}O_2$ MW 250.30 mp 129-130°C Off white shining powder Soluble in chloroform		100 mg 250 mg
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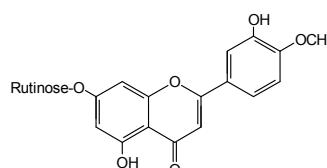
19-330	<b>6,3'-Dimethylflavone, 98%</b> $C_{17}H_{14}O_2$ MW 250.30 mp 137-139°C White powder Soluble in chloroform		100 mg 250 mg
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020082	<b>Diosmetin &gt;85%</b> (5,7,3'-Trihydroxy-4'-methoxyflavone) [520-34-3] $C_{16}H_{12}O_6$ MW 300.29 mp 258-259°C Yellow powder Soluble in toluene:ethyl formate: formic acid (5:4:1) <i>Merck Index</i> 12, 3349		100 mg
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<b>021108S</b>	<b>Diosmetin with HPLC</b> [520-34-3]	10 mg
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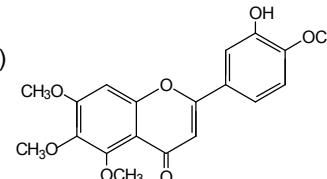
*Diosmetin-7-neochesperidoside:* see 021249 Neodiosmin

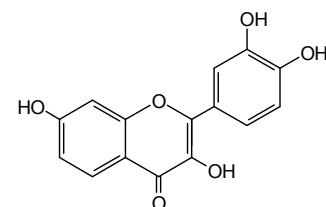
*Diosmetin-7-rutinoside:* see 020081 Diosmin

<b>020081</b>	<b>Diosmin</b> (Barosmin; Diosmetin-7-O-rutinoside) [520-27-4] $C_{28}H_{32}O_{15}$ MW 608.55 mp 277-278°C Cream colored powder Soluble in ethyl acetate:formic acid: water (100:25:10)		10 gm
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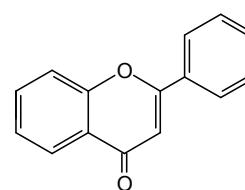
<b>021109S</b>	<b>Diosmin with HPLC, 98%</b> [520-27-4]	10 mg
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*Eupatorin:* see D-123 5,3'-Dihydroxy-6,7,4'-trimethoxyflavone

<b>021015</b>	<b>Eupatorin-5-methylether, min 90%</b> (3'-Hydroxy-4',5,6,7-tetramethoxyflavone) [21764-09-0] $C_{19}H_{18}O_7$ MW 358.36 mp 172-179°C Yellow powder		10 mg
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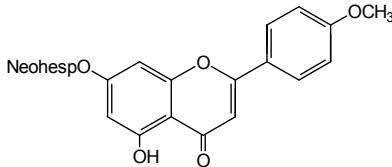
<b>F-002</b>	<b>Fisetin, 98%</b> (3,7,3',4'-Tetrahydroxyflavone) [528-48-3] $C_{15}H_{10}O_6$ MW 286.25 mp >330°C (d) Yellow powder Soluble in DMF		500 mg 1 gm
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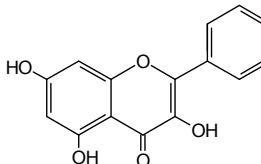
<b>021167S</b>	<b>Fisetin with HPLC</b> [528-48-3] dec >300°C	10 mg
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<b>F-003</b>	<b>Flavone, 99% (2-Phenylchromone)</b> [525-82-6] $C_{15}H_{10}O_2$ MW 222.24 mp 97-99°C White prisms Soluble in acetone or methanol		5 gm 25 gm
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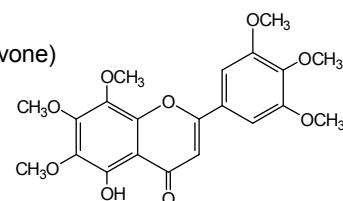
*Flavonol:* see F-004 3-Hydroxyflavone

021330S	<b>Flavonols Aglycones Kit with HPLC</b> (includes 10 mg each of Galangin, Kaempferol Quercetin, Myricetin, Isorhamnetin)	Kit
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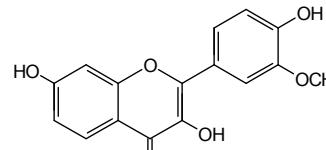
021146	<b>Fortunellin, 98%</b> (Acacetin-7-O-neohesperidoside) [20633-93-6] $C_{28}H_{32}O_{14}$ MW 592.55		5 mg
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020067	<b>Galangin, 98%</b> (3,5,7-Trihydroxyflavone) [548-83-4] $C_{15}H_{10}O_5$ MW 270.25		50 mg
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021114S	<b>Galangin with HPLC, 98+%</b> [548-83-4] mp 222°C	10 mg
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G-001	<b>Gardenin, 98%</b> (5-Hydroxy-6,7,8,3',4',5'-Hexamethoxyflavone) <i>Natural product</i> [21187-73-5] $C_{21}H_{22}O_9$ MW 418.39		50 mg
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*Genkwanin:* see D-115 5,4',-Dihydroxy-7-methoxyflavone

020071	<b>Geraldol &gt;90%</b> (3,7,4'-Trihydroxy-3'-methoxyflavone) [21511-25-1] $C_{16}H_{12}O_6$ MW 300.27		10 mg
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021168S	<b>Geraldol with HPLC</b> [21511-25-1] mp >300°C	10 mg
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<b>G-500</b>	<b>Gossypetin, 98% [489-35-0]</b> (3,5,7,8,3',4'-Hexahydroxyflavone) C <sub>15</sub> H <sub>10</sub> O <sub>8</sub> MW 318.24      mp 302-304°C Yellow Crystals Soluble in methanol		250 mg
<b>021337S</b>	<b>Gossypetin with HPLC</b> [489-35-0]		5 mg

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*Gossypetin 3,7,3',4'-tetramethyl ether:*  
see 021260 5,8-Dihydroxy-3,7,3',4'-tetramethoxyflavone

<b>G-002</b>	<b>Gossypin, 98%</b> (3,5,7,8,3',4'-Hexahydroxyflavone-8-glucoside) [652-78-8] C <sub>21</sub> H <sub>20</sub> O <sub>13</sub> MW 480.38      mp 229-230°C Yellow crystals Soluble in water		250 mg 500 mg
<b>021343</b>	<b>Herbacetin</b> (3,5,7,8,4'-Pentahydroxyflavone) [527-95-7] C <sub>15</sub> H <sub>10</sub> O <sub>7</sub> MW 302.24		5 mg

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3,5,7,3',4',5'-Hexahydroxyflavone: see C-101 Myricetin

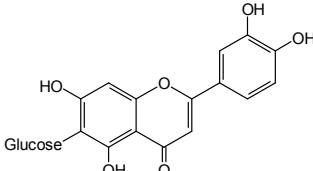
3,5,7,8,3',4'-Hexahydroxyflavone: see G-500 Gossypetin

3,5,7,8,3',4'-Hexahydroxyflavone-8-glucoside see G-002 Gossypin

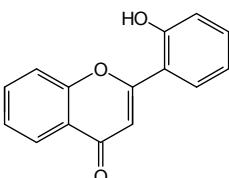
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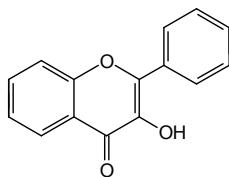
<b>H-205</b>	<b>5,6,7,3',4',5'-Hexamethoxyflavone, 98%</b> [29043-07-0] C <sub>21</sub> H <sub>22</sub> O <sub>8</sub> MW 402.40      mp 163-164°C Fine white powder		10 mg
<b>021017</b>	<b>Hinokiflavone, 98%</b> (4',6"-O-Biapigenin) [19202-36-9] C <sub>30</sub> H <sub>18</sub> O <sub>10</sub> MW 538.47      mp 353-355°C Yellow powder		5 mg

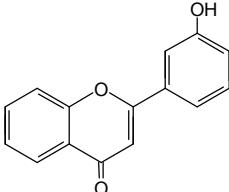
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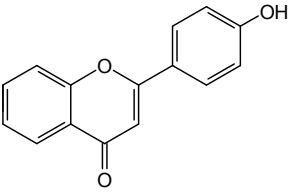
<b>021055S</b>	<b>Homoorientin with HPLC, 98%</b> (Isoorientin; Luteolin-6-C-glucoside) [4261-42-1] $C_{21}H_{20}O_{11}$ MW 448.38 mp 245-246°C		5 mg
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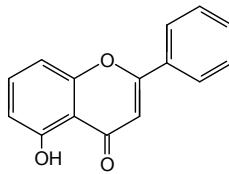
5-Hydroxyfisetin: see P-103 3,7,3',4',5'-Pentahydroxyflavone

<b>H-409</b>	<b>2'-Hydroxyflavone, 98%</b> $C_{15}H_{10}O_3$ MW 238.25 mp 247-249°C Very light yellow crystals Soluble in methanol or acetone		1 gm
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<b>F-004</b>	<b>3-Hydroxyflavone, 99+%</b> (Flavonol) [577-85-5] $C_{15}H_{10}O_3$ MW 238.24        mp 169-171°C Off white fluffy powder Soluble in chloroform		5 gm 25 gm
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<b>H-410</b>	<b>3'-Hydroxyflavone, 98%</b> [70460-18-3] $C_{15}H_{10}O_3$ MW 238.25        mp 206-208°C Off white crystals Soluble in methanol		100 mg
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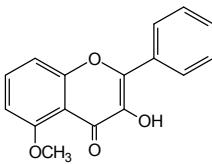
<b>H-411</b>	<b>4'-Hydroxyflavone, 98%</b> [4143-63-9] $C_{15}H_{10}O_3$ MW 238.25 mp 267-269°C Pale yellow crystalline material Clear solution in methanol		100 mg
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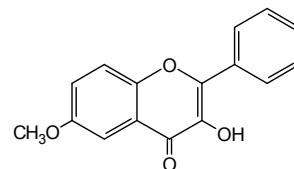
<b>H-025</b>	<b>5-Hydroxyflavone, 98%</b> (Primuletin) [491-78-1] $C_{15}H_{10}O_3$ MW 238.25        mp 155-156°C Yellow crystalline material Clear solution in methanol or acetone		1 gm 5 gm
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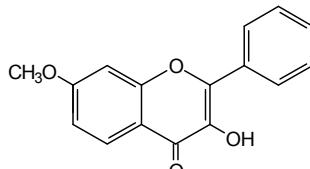
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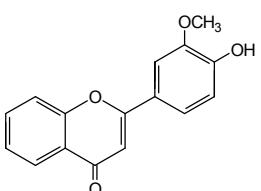
H-026	<b>6-Hydroxyflavone, 98%</b> [6665-83-4] $C_{15}H_{10}O_3$ MW 238.25      mp 230-232°C Pale yellow crystals Clear solution in methanol		5 gm 25 gm
H-027	<b>7-Hydroxyflavone, 98%</b> [6665-86-7] $C_{15}H_{10}O_3$ MW 238.25      mp 240-242°C Off white crystals Clear solution in methanol		5 gm 25 gm
H-406	<b>6-Hydroxyflavone-<math>\beta</math>-D-glucoside, 98%</b> mp 238-240°C		100 mg
H-438	<b>7-Hydroxyflavone-<math>\beta</math>-D-glucoside, 98%</b> (7- $\beta$ -D-Glucosyloxyflavone) mp 244-248°C		250 mg
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4-Hydroxyflavonol: see D-258 3',4'-Dihydroxyflavone			
7-Hydroxyflavonol See: D-257 3,7-Dihydroxyflavone			
5-Hydroxy-6,7,8,3',4',5'-Hexamethoxyflavone: see G-001 Gardenin			
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H-252	<b>3-Hydroxy-2'-methoxyflavone, 98%</b> [29219-03-2] $C_{16}H_{12}O_4$ MW 268.27      mp 211-212°C Off white crystals Soluble in chloroform		250 mg
H-415	<b>3-Hydroxy-3'-methoxyflavone, 99+%</b> [76666-32-5] $C_{16}H_{12}O_4$ MW 268.27      mp 133-134.3°C Wheat powder Soluble in chloroform		100 mg
H-253	<b>3-Hydroxy-4'-methoxyflavone, 98%</b> $C_{16}H_{12}O_4$ MW 268.27      mp 233-234.5°C Light yellow powder Soluble in chloroform : methanol (1:1)		100 mg

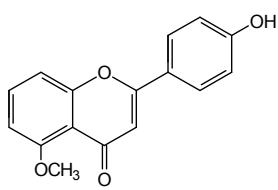
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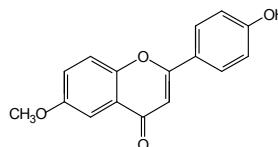
H-416	<b>3-Hydroxy-5-methoxyflavone, 98%</b> (5-Methoxyflavonol) [6665-81-2] $C_{16}H_{12}O_4$ MW 268.27		100 mg 250 mg
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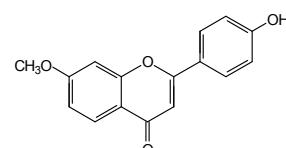
H-417	<b>3-Hydroxy-6-methoxyflavone, 98%</b> (6-Methoxyflavonol) [93176-00-2] $C_{16}H_{12}O_4$ MW 268.27      mp 203-205°C Off white crystals Soluble in methanol or acetone		100 mg
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H-418	<b>3-Hydroxy-7-methoxyflavone, 98%</b> (7-Methoxyflavonol) [7478-60-6] $C_{16}H_{12}O_4$ MW 268.27      mp 177-178°C Off white crystals Soluble in acetone		500 mg
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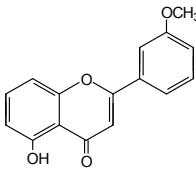
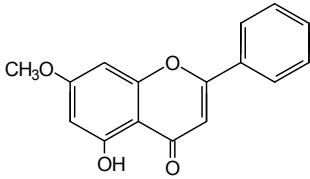
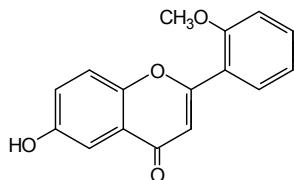
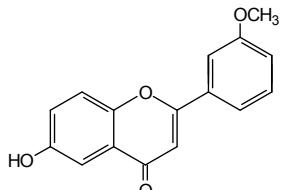
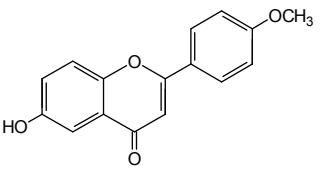
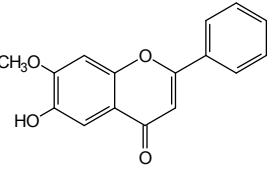
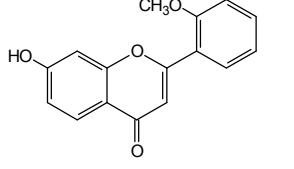
H-419	<b>4'-Hydroxy-3'-methoxyflavone, 98%</b> $C_{16}H_{12}O_4$ MW 268.27 mp 192-194°C Yellow crystals Soluble in acetone		100 mg
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M-401	<b>4'-Hydroxy-5-methoxyflavone, 97+%</b> $C_{16}H_{14}O_3$ MW 254.27 mp 256-258°C Yellow crystals Soluble in methanol		100 mg
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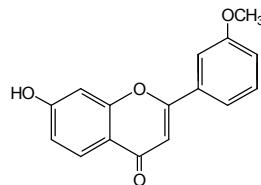
M-402	<b>4'-Hydroxy-6-methoxyflavone, 97+%</b> $C_{16}H_{14}O_3$ MW 254.27      mp 229-231°C Bright yellow crystals Soluble in methanol		100 mg
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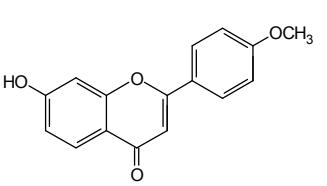
M-403	<b>4'-Hydroxy-7-methoxyflavone, 97+%</b> $C_{16}H_{14}O_3$ MW 254.27 mp 263-265°C Yellow crystals Soluble in methanol		100 mg
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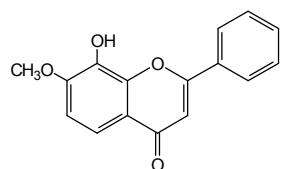
H-421	<b>5-Hydroxy-3'-methoxyflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27		100 mg
H-110	<b>5-Hydroxy-7-methoxyflavone, 98%</b> (Tectochrysin; Methyl chrysins) [520-28-5] C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27            mp 166-168°C Yellow powder Soluble in chloroform		50 mg
H-423	<b>6-Hydroxy-2'-methoxyflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 229-231°C Off white crystals Soluble in hot methanol		100 mg
H-424	<b>6-Hydroxy-3'-methoxyflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 229-231°C Yellow crystals Soluble in methanol		100 mg
H-500	<b>6-Hydroxy-4'-methoxyflavone, 97%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 245-246°C Pale yellow crystals Soluble in acetone		100 mg
H-602	<b>6-Hydroxy-7-methoxyflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27            mp 203-204°C Yellow crystals Soluble in methanol		250 mg
H-425	<b>7-Hydroxy-2'-methoxyflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 256-258°C Pale brown crystals Soluble in methanol		250 mg

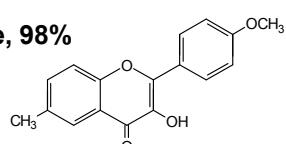
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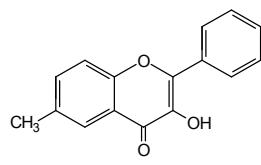
H-426	<b>7-Hydroxy-3'-methoxyflavone, 97+%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 281-283°C Pale yellow crystals Soluble in methanol		100 mg
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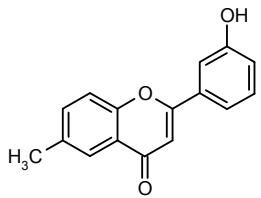
H-427	<b>7-Hydroxy-4'-methoxyflavone, 97%</b> (Pratol) [487-24-1] C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 263-264°C Pale yellow crystals Soluble in acetone		250 mg 1 gm
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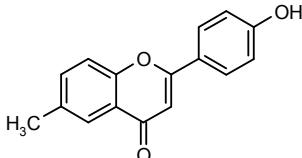
021134S	<b>7-Hydroxy-4'-methoxyflavone with HPLC, 98+%</b> (Pratol with HPLC)		10 mg
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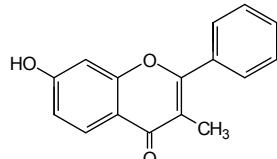
H-428	<b>8-Hydroxy-7-methoxyflavone, 98%</b> [40316-76-5] C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 226-227°C Yellow crystals Soluble in methanol		100 mg
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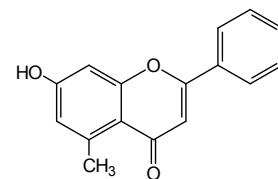
22-306	<b>3-Hydroxy-4'-methoxy-6-methylflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.28 mp 192-193°C Yellow crystals Soluble in methanol		100 mg 250 mg
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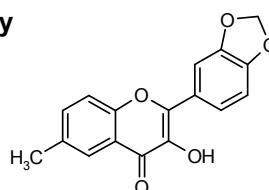
M-407	<b>3-Hydroxy-6-methylflavone, 98%</b> (6-Methylflavonol) C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 201-203°C Yellow prisms Soluble in acetone or methanol		500 mg 1 gm
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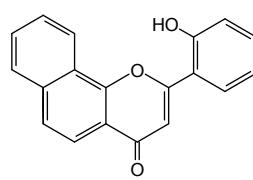
22-363	<b>3'-Hydroxy-6-methylflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 199.5-201.5°C Pale yellow crystalline powder Soluble in chloroform:ethyl acetate (7:3)		100 mg 250 mg
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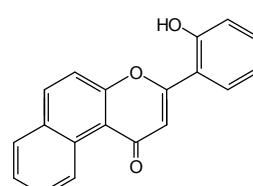
22-364	<b>4'-Hydroxy-6-methylflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 240.5-242.5°C Off white powder Soluble in chloroform:methanol (9:1)		100 mg 250 mg
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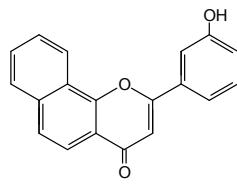
H-440	<b>7-Hydroxy-3-methylflavone, 98%</b> [18651-15-5] C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 278°C		100 mg
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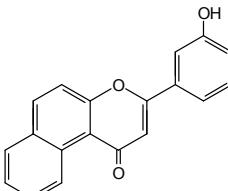
H-439	<b>7-Hydroxy-5-methylflavone, 98%</b> [15235-99-1] C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 302-304°C White crystals		100 mg
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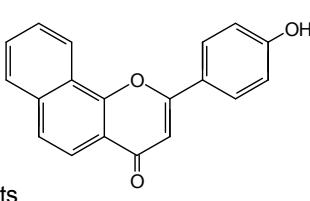
22-386	<b>3-Hydroxy-6-methyl-3',4'-methylenedioxyflavone, 99%</b> C <sub>17</sub> H <sub>12</sub> O <sub>5</sub> MW 296.28 mp 196-198°C Light yellow powder Soluble in chloroform: methanol (9.5:0.5)		25 mg 50 mg
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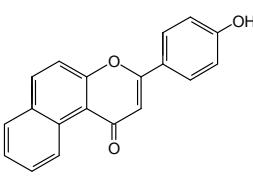
H-510	<b>2'-Hydroxy-<math>\alpha</math>-naphthoflavone, 98%</b> C <sub>19</sub> H <sub>12</sub> O <sub>3</sub> MW 288.29 mp 299-300°C White crystals Very low solubility in organic solvents		100 mg 250 mg
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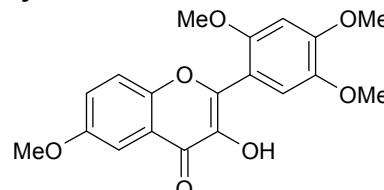
H-603	<b>2'-Hydroxy-<math>\beta</math>-naphthoflavone, 98%</b> C <sub>19</sub> H <sub>12</sub> O <sub>3</sub> MW 288.29 mp 280-282°C Yellow crystals Soluble in hot pyridine Sparingly soluble in common organic solvents		100 mg
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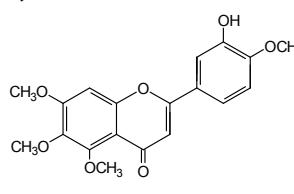
22-331	<b>3'-Hydroxy-<math>\alpha</math>-naphthoflavone, 98%</b> C <sub>19</sub> H <sub>12</sub> O <sub>3</sub> MW 288.29 mp 256-258°C Yellow crystals Soluble in pyridine		100 mg 250 mg
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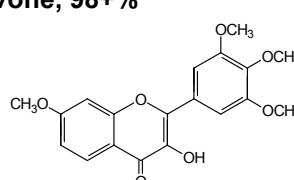
22-332	<b>3'-Hydroxy-<math>\beta</math>-naphthoflavone, 98%</b> C <sub>19</sub> H <sub>12</sub> O <sub>3</sub> MW 288.29 mp 288-290°C Tan crystals Soluble in pyridine		100 mg 250 mg
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H-432	<b>4'-Hydroxy-<math>\alpha</math>-naphthoflavone, 98%</b> C <sub>19</sub> H <sub>12</sub> O <sub>3</sub> MW 288.29 mp 316-318°C Yellow crystals Soluble in hot pyridine Sparingly soluble in common organic solvents		100 mg
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H-433	<b>4'-Hydroxy-<math>\beta</math>-naphthoflavone, 98%</b> C <sub>19</sub> H <sub>12</sub> O <sub>3</sub> MW 288.29 mp 303-305°C Pale yellow crystals Very low solubility in organic solvents		250 mg
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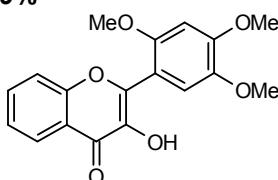
22-379	<b>3-Hydroxy-2',4',5',6-tetramethoxyflavone, 99%</b> C <sub>19</sub> H <sub>18</sub> O <sub>7</sub> MW 358.35 mp 198-200°C White powder Soluble in chloroform		25 mg 50 mg
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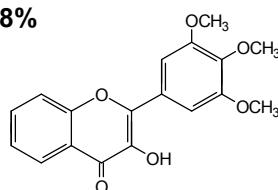
H-114	<b>3'-Hydroxy-5,6,7,4'-tetramethoxyflavone, 99%</b> [21764-09-0] (Eupatorin-5-methylether) C <sub>19</sub> H <sub>18</sub> O <sub>7</sub> MW 358.35 mp 174-176°C Yellow powder Soluble in THF		50 mg
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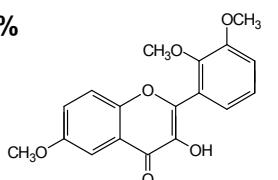
22-345	<b>3-Hydroxy-7,3',4',5'-tetramethoxyflavone, 98+%</b> C <sub>19</sub> H <sub>18</sub> O <sub>7</sub> MW 358.35 mp 194-195°C Yellow crystals Soluble in acetone		50 mg 100 mg
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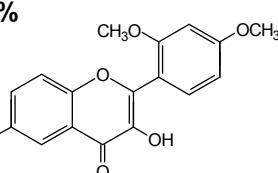
22-403	<b>3-Hydroxy-7,8,2',3'-tetramethoxyflavone, 99%</b> C <sub>19</sub> H <sub>18</sub> O <sub>7</sub> MW 358.35 mp 165-166°C Pale yellow crystals Soluble in acetone	25 mg 100 mg
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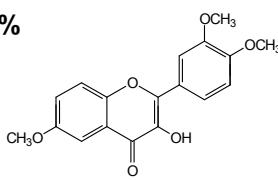
**5-Hydroxy-3,7,3',4'-tetramethoxyflavone**  
See 021074 Quercetin 3,7,3',4'-tetramethylether

22-375	<b>3-Hydroxy-2',4',5'-trimethoxyflavone, 99%</b> C <sub>18</sub> H <sub>16</sub> O <sub>6</sub> MW 328.33 mp 181-183°C Yellow powder Soluble in chloroform	 100 mg 250 mg
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22-308	<b>3-Hydroxy-3',4',5'-trimethoxyflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>6</sub> MW 328.33 mp 188-190°C Yellow crystals Soluble in acetone	 100 mg 250 mg
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22-215	<b>3-Hydroxy-6,2',3'-trimethoxyflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>6</sub> MW 328.33 mp 214-215°C Pale yellow prisms Soluble in acetone or methanol	 100 mg
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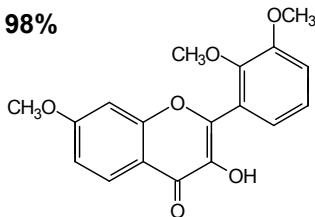
22-204	<b>3-Hydroxy-6,2',4'-trimethoxyflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>6</sub> MW 328.33 mp 193-195°C Yellow crystals Soluble in acetone or methanol	 100 mg
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22-222	<b>3-Hydroxy-6,3',4'-trimethoxyflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>6</sub> MW 328.33 mp 189-190°C Pale yellow crystals Soluble in acetone	 100 mg
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**22-216      3-Hydroxy-7,2',3'-trimethoxyflavone, 98%**      100 mg



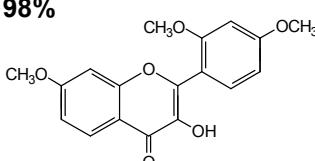
C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>  
MW 328.33  
mp 156-157°C  
Off white prisms  
Soluble in acetone or methanol



**22-201      3-Hydroxy-7,2',4'-trimethoxyflavone, 98%**      100 mg

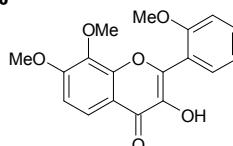


C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>  
MW 328.33  
mp 204-205°C  
Pale yellow prisms  
Soluble in acetone



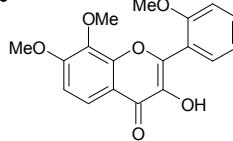
**22-390      3-Hydroxy-7,8,2'-trimethoxyflavone, 99%**      25 mg  
50 mg

C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>  
MW 328.33  
mp 217-218°C  
White crystalline powder  
Soluble in DMF



**22-391      3-Hydroxy-7,8,3'-trimethoxyflavone, 99%**      25 mg  
50 mg

C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>  
MW 328.33  
mp 187-189°C  
Light yellow fluffy powder  
Soluble in chloroform



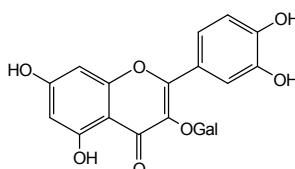
**22-398      3-Hydroxy-7,8,4'-trimethoxyflavone, 99%**      25 mg  
50 mg

C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>  
MW 328.33  
mp 198-200°C  
Pale yellow fluffy crystals  
Soluble in acetone

*Hyperin: see 021027S Hyperoside*

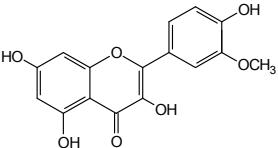
**021027S      Hyperoside with HPLC, 99%**      10 mg

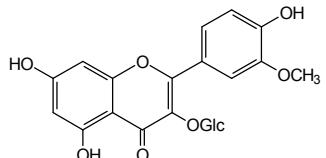
(Hyperin; Quercetin-3-galactoside)  
[482-36-0]  
C<sub>21</sub>H<sub>20</sub>O<sub>12</sub>  
MW 464.38  
mp 220-222°C  
Yellow powder  
Soluble in ethyl acetate:formic acid:  
acetic acid:water (100:11:11:27)

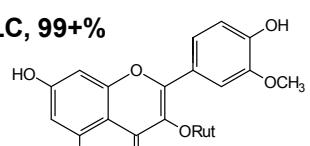


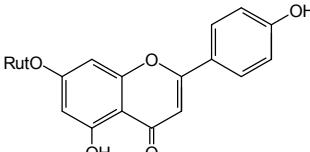
<b>021328</b>	<b>Ipriflavone</b> [35212-22-7] $C_{18}H_{16}O_3$ MW 280.33	500 mg
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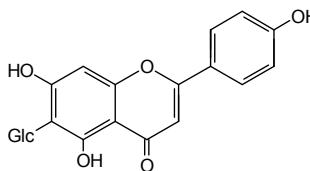
*Isoorientin: see 021055S Homoorientin*

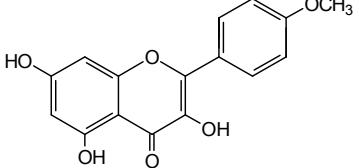
<b>021120S</b>	<b>Isorhamnetin with HPLC, 99+%</b> (3,5,7,4'-Tetrahydroxy-3'-methoxyflavone) [480-19-3] $C_{16}H_{12}O_7$ MW 316.27 mp ~312°C Yellow powder Soluble in toluene:formate:formic acid (5:4:1)		10 mg 100 mg
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<b>021228</b>	<b>Isorhamnetin-3-O-glucoside</b> [5041-82-7] $C_{22}H_{22}O_{12}$ MW 478.40 mp 155-160°C		5 mg
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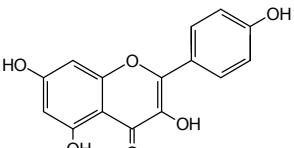
<b>021333S</b>	<b>Isorhamnetin-3-O-rutinoside with HPLC, 99+%</b> (Narcisin) [604-80-8] $C_{28}H_{32}O_{16}$ MW 624.54 mp 173-174°C		5 mg
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<b>021121S</b>	<b>Isorhoifolin with HPLC, 99+%</b> (Apigenin-7-O-rutinoside) [552-57-8] $C_{27}H_{30}O_{14}$ MW 578.53 mp 270-275°C		10 mg
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<b>021235S</b>	<b>Isovitexin with HPLC, 99+%</b> [29702-25-8] $C_{21}H_{20}O_{10}$ MW 432.38 mp 220-221°C		5 mg
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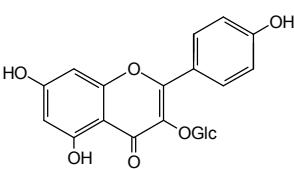
<b>K-101</b>	<b>Kaempferide, 98%</b> (3,5,7-Trihydroxy-4'-methoxyflavone) [491-54-3] $C_{16}H_{12}O_6$ MW 300.27 mp 228-230°C		100 mg
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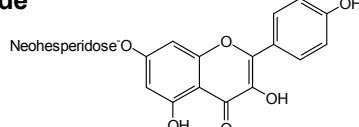
<b>021123S</b>	<b>Kaempferide with HPLC, 98%</b>	10 mg
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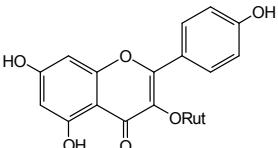
<b>K-102</b>	<b>Kaempferol, 98%</b> (3,5,7,4'-Tetrahydroxyflavone) [520-18-3] $C_{15}H_{10}O_6$ MW 286.25 mp 276-278°C (dec) Yellow powder <i>Merck Index</i> 12, 5288		100 mg 500 mg
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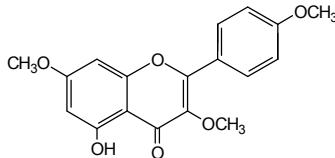
<b>021124S</b>	<b>Kaempferol with HPLC, 99+%</b> mp 275°C (dec)	10 mg
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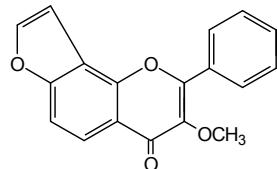
<b>021331S</b>	<b>Kaempferol Derivatives Kit</b> (includes 10 mg of Kaempferol-3-O-rutinoside 5 mg of Kaempferol-3-O-glucoside)	1 Kit
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<b>021243S</b>	<b>Kaempferol-3-O-glucoside with HPLC, 99+%</b> (Astragalin) [480-10-4] $C_{21}H_{20}O_{11}$ MW 448.38 mp 223-225°C Yellow powder Soluble in ethyl acetate: methanol:water (100:25:10) <i>Merck Index</i> 12, 5288		5 mg
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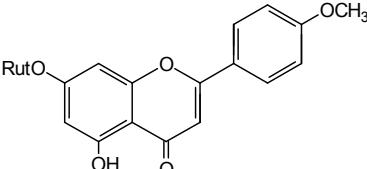
<b>021069</b>	<b>Kaempferol-7-O-neohesperidoside</b> [17353-03-6] $C_{27}H_{30}O_{15}$ MW 594.53 mp 255-257°C		10 mg
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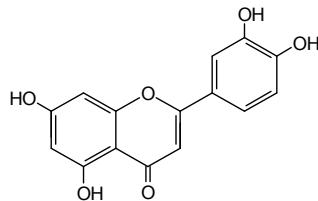
<b>021053S</b>	<b>Kaempferol-3-O-rutinoside with HPLC, 99+%</b> [17650-84-9] $C_{27}H_{30}O_{15}$ MW 594.53 mp 200°C (dec) Yellow powder Soluble in ethyl acetate: methanol:water (100:25:10)		10 mg
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<b>021070</b>	<b>Kaempferol-3,7,4'-trimethyl ether</b> [15486-34-7] $C_{18}H_{16}O_6$ MW 328.33 mp 157-158°C		10 mg
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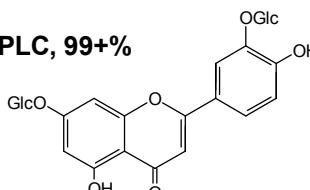
<b>K-001</b>	<b>Karanjin, 97%</b> [521-88-0] $C_{18}H_{12}O_4$ MW 292.28 mp 156-158°C White crystalline material Bright orange solution in methanol <i>Merck Index 12, 5295</i>		100 mg 250 mg 500 mg
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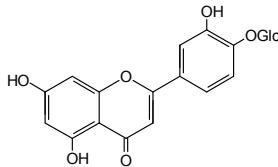
*Linarigenin:* see 020072 *Acacetin*

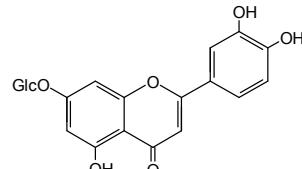
<b>021169S</b>	<b>Linarin with HPLC, 99+%</b> (Acacetin-7-O-rutinoside) [480-36-4] $C_{28}H_{32}O_{14}$ MW 592.55      mp ~268°C White powder Soluble in acetic acid 25% <i>Merck Index 12, 5523</i>		5 mg
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<b>L-101</b>	<b>Luteolin, 98%</b> (5,7,3',4'-Tetrahydroxyflavone) [491-70-3] $C_{15}H_{10}O_6$ MW 286.25 mp ~328-330°C Light yellow needles Soluble in methanol <i>Merck Index 12, 5641</i>		100 mg 500 mg 1 gm
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<b>021125S</b>	<b>Luteolin with HPLC, 99+%</b> [491-70-3] mp >300°C		10 mg
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<b>020085S</b>	<b>Luteolin-7,3'-di-O-glucoside with HPLC, 99+%</b> [52187-80-1] $C_{27}H_{30}O_{16}$ MW 610.53 mp 220-250°C Yellow powder Soluble in methanol		5 mg
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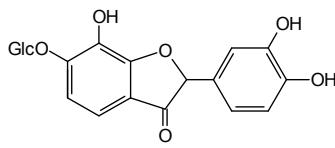
<b>021083</b>	<b>Luteolin-4'-O-glucoside</b> [6920-38-3] $C_{21}H_{20}O_{11}$ MW 448.39 mp 210°C (dec.)		5 mg
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<b>020053</b>	<b>Luteolin-7-O-glucoside, &gt;90%</b> [5373-11-5] $C_{21}H_{20}O_{11}$ MW 448.38      mp ~241-249°C Yellow powder Soluble in ethyl acetate:formic acid: acetic acid (100:11:11)		250 mg
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<b>021126S</b>	<b>Luteolin-7-O-glucoside with HPLC, 99+%</b>	10 mg
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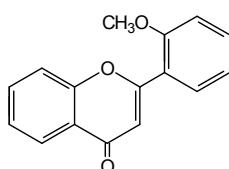
*Luteolin-8-C-glucoside: see 021054S Orientin*

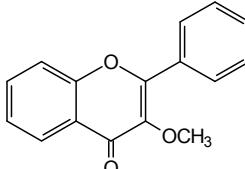
*Luteolin tetramethyl ether:*  
*see L-102 5,7,3',4'-Tetramethoxyflavone*

<b>020060S</b>	<b>Maritimein with HPLC, 99+%</b> [490-54-0] $C_{21}H_{20}O_{11}$ MW 448.38      mp 205-211°C Orange yellow powder Soluble in n butanol:acetic acid: water (4:1:5)		5 mg
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*7-Methoxyapigenin: see D-115 5,4'-Dihydroxy-7-methoxyflavone*

*2'-Methoxy-7,8-benzoflavone:*  
*see M-404 2'-Methoxy- $\alpha$ -naphthoflavone*

<b>M-012</b>	<b>2'-Methoxyflavone, 98%</b> [19725-47-4] $C_{16}H_{12}O_3$ MW 252.27      mp 102-103°C White needles Soluble in methanol		1 gm
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<b>021188</b>	<b>3-Methoxyflavone, 98%</b> [7245-02-5] $C_{16}H_{12}O_3$ MW 252.27      mp 113-114°C White crystals Soluble in acetone		100 mg
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M-601	<b>3'-Methoxyflavone , 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 132-134°C Off white crystals Soluble in methanol		250 mg
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M-013	<b>4'-Methoxyflavone, 98%</b> [4143-74-2] C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 157-158°C White needles Soluble in methanol		100 mg 250 mg
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M-014	<b>5-Methoxyflavone, 98%</b> [42079-78-7] C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 131-133°C White powder Soluble in chloroform		1 gm
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M-015	<b>6-Methoxyflavone, 98%</b> [26964-24-9] C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 162-164°C White crystals Soluble in methanol or acetone		1 gm
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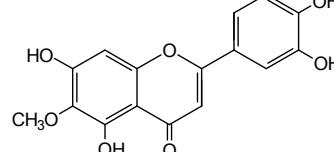
M-016	<b>7-Methoxyflavone, 97%</b> [22395-22-8] C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 110-111°C White crystalline material Gives clear colorless solution in acetone 1% concentration		1 gm
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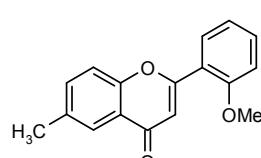
M-408	<b>4'-Methoxyflavonol, 98%</b> [6889-78-7] C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 233-234°C		100 mg
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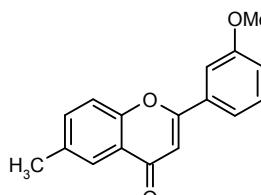
*5-Methoxyflavonol* See H-416 3-Hydroxy-5-methoxyflavone

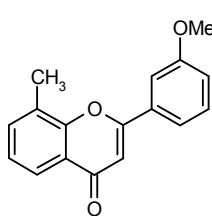
*6-Methoxyflavonol* See H-417 3-Hydroxy-6-methoxyflavone

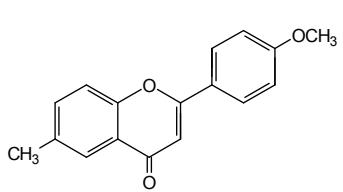
*7-Methoxyflavonol* See H-418 3-Hydroxy-7-methoxyflavone

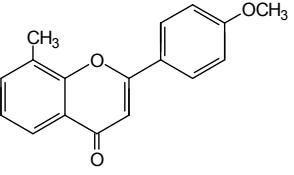
021084	<b>6-Methoxyluteolin, 98%</b> (Eupafolin) [520-11-6] $C_{16}H_{12}O_7$ MW 316.28 mp 267°C		5 mg
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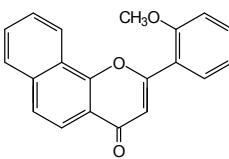
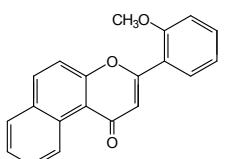
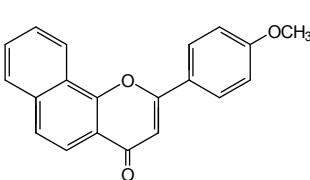
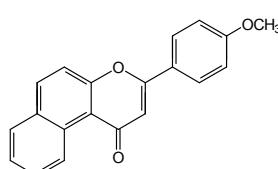
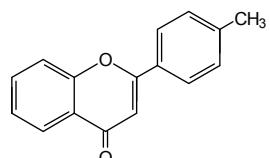
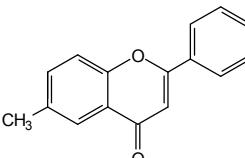
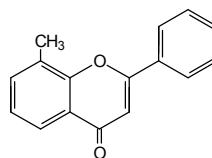
22-361	<b>2'-Methoxy-6-methylflavone, 98%</b>  $C_{17}H_{14}O_3$ MW 266.30 mp 111-113°C White powder Soluble in chloroform		50 mg 100 mg
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22-359	<b>3'-Methoxy-6-methylflavone, 98%</b>  $C_{17}H_{14}O_3$ MW 266.30 mp 133-135°C White powder Soluble in chloroform		50 mg 100 mg
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22-360	<b>3'-Methoxy-8-methylflavone, 98%</b>  $C_{17}H_{14}O_3$ MW 266.30 mp 146-147°C White powder Soluble in chloroform		50 mg 100 mg
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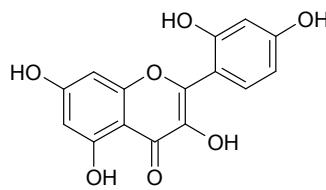
M-409	<b>4'-Methoxy-6-methylflavone, 98%</b> $C_{17}H_{14}O_3$ MW 266.30 mp 170-171°C White fluffy powder Soluble in chloroform		100 mg
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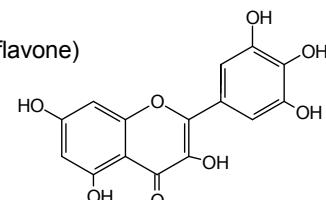
M-410	<b>4'-Methoxy-8-methylflavone, 98%</b> $C_{17}H_{14}O_3$ MW 266.30 mp 151-154°C White powder Soluble in chloroform		100 mg
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M-404	<b>2'-Methoxy-<math>\alpha</math>-naphthoflavone, 98%</b> (2'-Methoxy-7,8-benzoflavone) C <sub>20</sub> H <sub>14</sub> O <sub>3</sub> MW 302.31 mp 164-165°C Off white crystals		250 mg
M-405	<b>2'-Methoxy-<math>\beta</math>-naphthoflavone, 98%</b> C <sub>20</sub> H <sub>14</sub> O <sub>3</sub> MW 302.31 mp 188-189°C Off white crystals		250 mg
M-251	<b>4'-Methoxy-<math>\alpha</math>-naphthoflavone, 98%</b> C <sub>20</sub> H <sub>14</sub> O <sub>3</sub> MW 302.31 mp 180-181°C White crystals Soluble in acetone		250 mg
M-252	<b>4'-Methoxy-<math>\beta</math>-naphthoflavone, 98%</b> C <sub>20</sub> H <sub>14</sub> O <sub>3</sub> MW 302.31 mp 164-165°C Off white crystals Soluble in acetone		250 mg
<i>Methyl chrysins: see H-110 5-Hydroxy-7-methoxyflavone</i>			
19-311	<b>4'-Methylflavone, 98%</b>  C <sub>16</sub> H <sub>12</sub> O <sub>2</sub> MW 236.27 mp 114-115.3°C Gray colored powder Soluble in chloroform		100 mg 250 mg
M-022	<b>6-Methylflavone, 98%</b> [29976-75-8] C <sub>16</sub> H <sub>12</sub> O <sub>2</sub> MW 236.27 mp 122-123°C White crystalline material Soluble in methanol		250 mg
M-406	<b>8-Methylflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>2</sub> MW 236.27 mp 169-170°C White powder Soluble in chloroform		250 mg

*3-Methylflavone-8-carboxylic acid:*  
see 16-001 8-Carboxy-3-methylflavone

*6-Methylflavonol:* see M-407 3-Hydroxy-6-methylflavone

021344S	<b>Morin with HPLC, 99+%</b> (3,5,7,2',4'-Pentahydroxyflavone) [480-16-0] $C_{15}H_{10}O_7$ MW 302.25      mp ~290-292°C Merck 12,6352		5 gm
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C-101	<b>Myricetin, 98%</b> (Cannabiscetin; 3,5,7,3',4',5'-Hexahydroxyflavone) [529-44-2] $C_{15}H_{10}O_8$ MW 318.25      mp >350°C (dec) Greenish powder Merck Index 12, 6414		50 mg
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021127S	<b>Myricetin with HPLC, 99+%</b> mp 351°C	10 mg
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*Myricetin-3-rhamnoside:* see 021029S **Myricitrin with HPLC**

*Myricetin trimethyl ether:*  
see M-116 3,5,7-Trihydroxy-3',4',5'-trimethoxyflavone

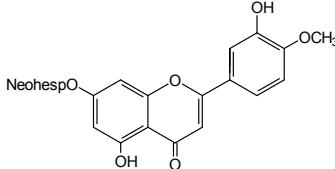
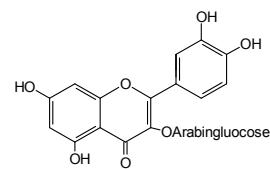
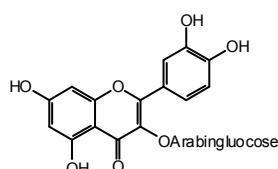
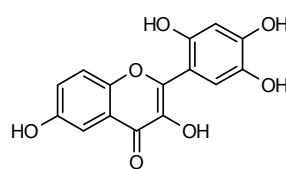
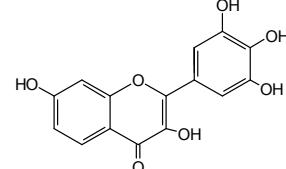
04-2150	<b>Myricitrin dihydrate, 98%</b> (Myricetin-3-rhamnoside dihydrate) [17912-87-7] $C_{21}H_{20}O_{12} \cdot 2 H_2O$ MW 500.40      mp 195-197°C Yellowish powder Merck 12, 6414	250 mg
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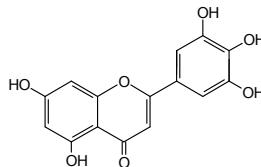
021029S	<b>Myricitrin with HPLC, 99+%</b> (Myricetin-3-O-rhamnoside) [MW 464.38      mp 190-200°C	10 mg
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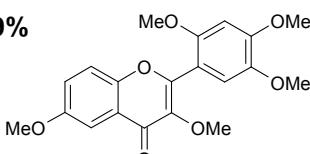
*α-Naphthoflavone:* see B-003 7,8-Benzoflavone

*β-Naphthoflavone:* see B-002 5,6-Benzoflavone

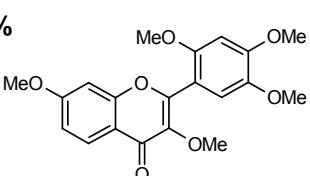
*Narcisin:* see 021229 Isorhamnetin-3-rutinoside

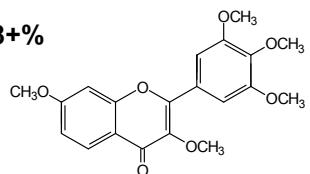
021249	<b>Neodiosmin</b> (Diosmetin-7-neohesperidoside) [38665-01-9] $C_{28}H_{32}O_{15}$ MW 608.54 Yellow powder Soluble in ethylacetate/methanol/water (100/25/10,V,V,V)		5 mg
021054S	<b>Orientin with HPLC, 99+%</b> (Luteolin-8-C-glucoside) [28608-75-5] $C_{21}H_{20}O_{11}$ MW 448.38      mp 260-285°C Yellow powder		5 mg
020061	<b>Peltatoside</b> (Quercetin-3-O-arabinoglucoside) [23284-18-6] $C_{26}H_{28}O_{16}$ MW 596.50 mp 210°C (dec)		100 mg
021142S	<b>Peltatoside with HPLC</b> [23284-18-6] mp 217°C (d)		10 mg
<hr/>			
<b>3,5,7,3',4'-Pentahydroxyflavone dihydrate:</b> see P-102 Quercetin dihydrate			
22-387	<b>3,6,2',4',5'-Pentahydroxyflavone, 99%</b>  $C_{15}H_{10}O_7$ MW 302.24 mp >300°C Light green powder Soluble in DMF		50 mg 100 mg
P-103	<b>3,7,3',4',5'-Pentahydroxyflavone, 98%</b> (Robinetin; 5-Hydroxyfisetin) [490-31-3] $C_{15}H_{10}O_7$ MW 302.25      mp 326-328°C (dec) Yellowish brown crystals Soluble in methanol		10 mg
021138S	<b>3,7,3',4',5'-Pentahydroxyflavone with HPLC, 99+%</b> [490-31-3] mp 326-328°C (d)		10 mg

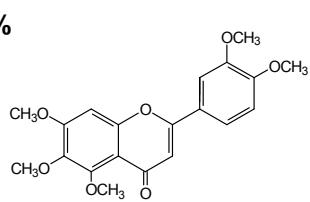
22-340	<b>5,7,3',4',5'-Pentahydroxyflavone, 97%</b> C <sub>15</sub> H <sub>10</sub> O <sub>7</sub> MW 302.25      mp 355-360°C Yellow crystals Soluble in methanol		100 mg 250 mg
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22-381	 <b>3,2',4',5',6-Pentamethoxyflavone, 99%</b> C <sub>20</sub> H <sub>20</sub> O <sub>7</sub> MW 372.38      mp 139-141°C White shining powder Soluble in chloroform		25 mg 50 mg
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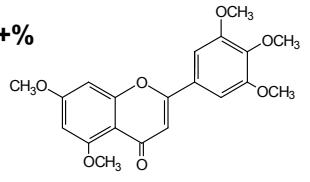
**3,5,7,3',4'-Pentamethoxyflavone:**  
see 021285 Quercetin-3,5,7,3',4'-pentamethyle ether

22-388	 <b>3,7,2',4',5'-Pentamethoxyflavone, 99%</b> C <sub>20</sub> H <sub>20</sub> O <sub>7</sub> MW 372.38      mp 171-173°C White powder Soluble in chloroform		50 mg 100 mg
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22-346	 <b>3,7,3',4',5'-Pentamethoxyflavone, 98+%</b> C <sub>20</sub> H <sub>20</sub> O <sub>7</sub> MW 372.38      mp 148-149°C White crystals Soluble in acetone		25 mg 50 mg
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P-201	<b>5,6,7,3',4'-Pentamethoxyflavone, 98%</b> (Sinensetin) [2306-27-6] C <sub>20</sub> H <sub>20</sub> O <sub>7</sub> MW 372.38      mp 174-176°C Pale yellow solid Soluble in THF		5 mg 10 mg
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021326S	<b>5,6,7,3',4'-Pentamethoxyflavone with HPLC, 99+%</b> (Sinensetin with HPLC) [2306-27-6]		5 mg
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P-202	<b>5,7,3',4',5'-Pentamethoxyflavone, 97+%</b> [53350-26-8] C <sub>20</sub> H <sub>20</sub> O <sub>7</sub> MW 372.38      mp 190-192°C White crystals Soluble in methanol		10 mg
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*Pratol:* see H-427 7-Hydroxy-4'-methoxyflavone

*Primuletin:* see H-025 5-Hydroxyflavone

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021030	<b>Quercetagetin</b> (3,5,6,7,3',4'-Hexahydroxyflavone) [90-18-6] $C_{15}H_{10}O_8$ MW 318.23 mp >300°C <i>Merck Index</i> 12,8215		5 mg
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021341S	<b>Quercetagetin-7-O-glucoside with HPLC, 99+%</b> [548-75-4] $C_{21}H_{20}O_{13}$ MW 480.38		5 mg
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*Quercetin-3-arabinoglucoside:* see 020061 Peltatoside

P-102	<b>Quercetin, 98%</b> (3,5,7,3',4'-Pentahydroxyflavone) [117-39-5] $C_{15}H_{10}O_7$ MW 302.25 mp ~315-318°C (dec) Yellow powder <i>Merck Index</i> 12, 8216		10 gm
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021135S	<b>Quercetin with HPLC, 99+%</b> [117-39-5] $C_{15}H_{10}O_7$ MW 302.25 mp 305-312°C		10 mg
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021332S	<b>Quercetin Derivatives Kit</b> (includes 10 mg each of Quercetin, Hyperoside, Quercetin-3-O-glucopyranoside, 25 mg of Rutin)		1 Kit
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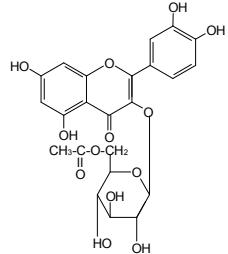
*Quercetin-3-galactoside:* see 021027S Hyperoside

020074	<b>Quercetin-3-O-glucopyranoside, &gt;90%</b> [482-35-9] $C_{21}H_{20}O_{12}$ MW 464.38 Mp 213°C (d) Yellow powder		1 gm
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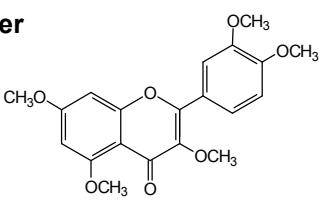
**021327S Quercetin 3-O-glucopyranoside with HPLC** 10 mg

**021099 Quercetin-3-O-glucose-6"-acetate**  
 [54542-51-7]  
 $C_{23}H_{22}O_{13}$   
 MW 506.41  
 Yellow powder  
 Soluble in water:ethanol:methylketone:  
 ethyl acetate:acetyl acetone  
 (26:9:3:3:1)



*Quercetin 4'-methyl ether:* see 021140S Tamarixetin with HPLC

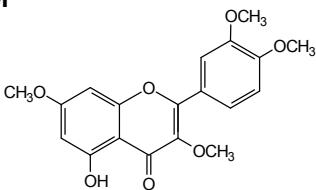
**021285 Quercetin-3,5,7,3',4'-pentamethyl ether**  
 [1247-97-8]  
 (3,5,7,3',4'-Pentamethoxyflavone)  
 $C_{20}H_{20}O_7$   
 MW 372.36  
 mp 152-156°C  
 Soluble in ethanol or methanol



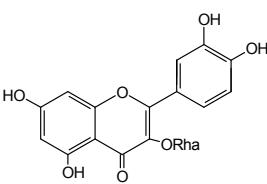
*Quercetin-3-rhamnoside:* see 021031 Quercitrin

*Quercetin tetramethyl ether:*  
 see H-115 5-Hydroxy-3,7,3',4'-tetramethoxyflavone

**021074 Quercetin-3,7,3',4'-tetramethyl ether**  
 (Retusin)  
 [1245-15-4]  
 $C_{19}H_{18}O_7$   
 MW 358.35  
 Yellow powder  
 Soluble in toluene:ethyl formate:  
 formic acid (5:4:1)

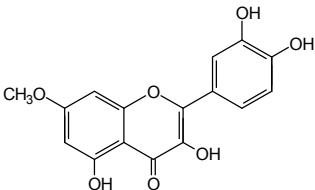


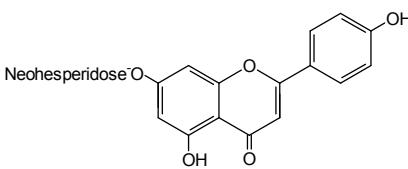
**021236S Quercitrin with HPLC**  
 (Quercetin-3-O-rhamnoside)  
 [522-12-3]  
 $C_{21}H_{20}O_{11}$   
 MW 448.38 mp 174-183°C  
 Yellow powder  
*Merck Index 12, 8219*



*Resokaempferol:* see T-251 3,7,4'-Trihydroxyflavone

*Retusin:* see 021074 Quercitin-3,7,3',4'-tetramethyl ether

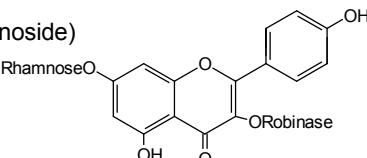
<b>021136S</b>	<b>Rhamnetin with HPLC, 99+%</b> (3,5,3',4'-Tetrahydroxy-7-methoxy flavone with HPLC) [90-19-7] $C_{16}H_{12}O_7$ MW 316.27 mp 290-296°C Yellow powder <i>Merck Index 12, 8337</i>		10 mg
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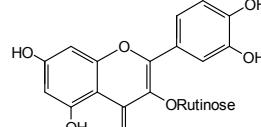
<b>020079</b>	<b>Rhoifolin</b> (Apigenin-7-O-neohesperidoside; Apigenin-7-O-rhamnoglucoside) [17306-46-6] $C_{27}H_{30}O_{14}$ MW 578.53 mp ~245°C Yellow powder Soluble in toluene:methyl ethyl ketone:methanol (4:3:3)		1 gm
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<b>021137S</b>	<b>Rhoifolin with HPLC, 99+%</b> [17306-46-6]	25 mg
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*Robinetin: see P-103 7,3,3',4',5'-Pentahydroxyflavone*

*Robinetin trimethyl ether:*  
*see D-124 3,7-Dihydroxy-3',4',5'-trimethoxyflavone*

<b>021032</b>	<b>Robinin</b> (Kaempferol-3-O-robinoside-7-O-rhamnoside) [301-19-9] $C_{33}H_{40}O_{19}$ MW 740.65 mp 207°C <i>Merck Index 12, 8404</i>		5 mg
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<b>020080</b>	<b>Rutin trihydrate, 95%</b> [153-18-4] $C_{27}H_{30}O_{16}.3H_2O$ MW 664.59 mp 188-190°C Yellow powder Soluble in ethyl acetate:formic acid:acetic acid (100:11:11) <i>Merck Index 12,8456</i>		10 gm
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<b>021139S</b>	<b>Rutin with HPLC, 99+%</b> [153-18-4] M.W. 610.53	25 mg
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<b>021238S</b>	<b>Saponarin with HPLC, 99+%</b> (Isovitexin-7-O-glucoside; Saponaretin-7-O-glucoside) [20310-89-8] $C_{27}H_{30}O_{15}$ MW 594.53 mp 228°C (dec) <i>Merck Index 12, 8512</i>		5 mg
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*Sciadopitysin:* see 021021 Amentoflavone-7,4,4'-trimethyl ether

*Scutellarein:* see 021165 6-Hydroxyapigenin

<b>021165</b>	<b>Scutellarein, 98%</b> (6-Hydroxyapigenin, 5,6,7,4'-Tetrahydroxyflavone) [529-53-3] $C_{15}H_{10}O_6$ MW 286.25 mp 330°C <i>Merck 12,8556</i>		10 mg
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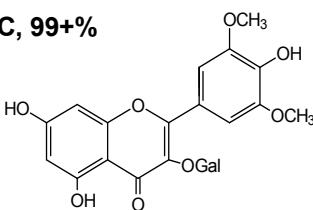
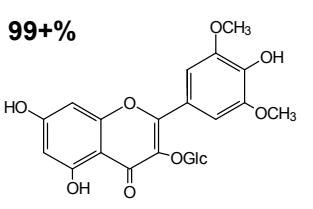
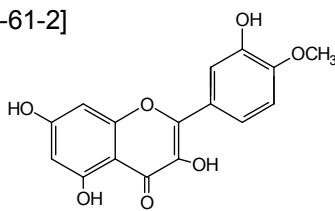
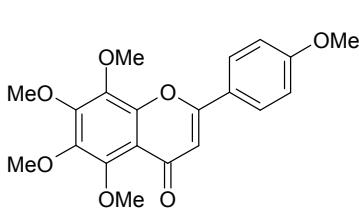
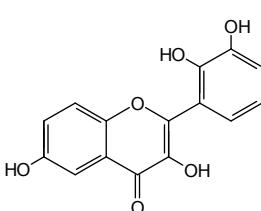
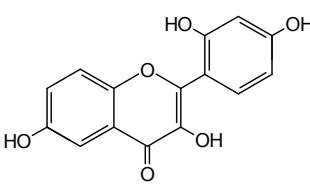
<b>021278</b>	<b>Scutellarein tetramethyl ether</b> (5,6,7,4'-tetramethoxyflavone) [1168-42-9] $C_{19}H_{18}O_6$ MW 342.33 mp 142-143°C		5 mg
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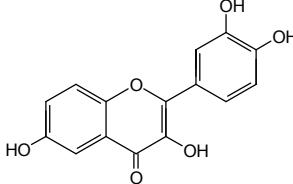
*Sinensetin:* see P-201 5,6,7,3',4'-Pentamethoxyflavone

<b>021201</b>	<b>Spiraeoside, 90+%</b> [20229-56-5] $C_{21}H_{20}O_{12}$ MW 464.38 mp 210-213°C Pale yellow powder		10 mg
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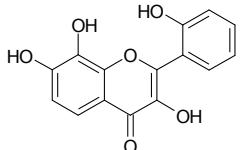
<b>020088S</b>	<b>Sulfuretin with HPLC, 99+%</b> (6,3',4'-Trihydroxyaurone) [120-05-8] $C_{15}H_{10}O_5$ MW 270.25      mp 295°C Soluble in toluene:methanol (50:25) <i>Merck Index 12, 9145</i>		5 mg
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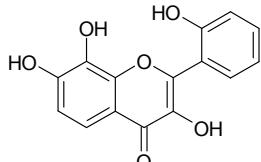
*Syringetin:* see S-105 3',5'-Dimethoxy-3,5,7,4'-tetrahydroxyflavone

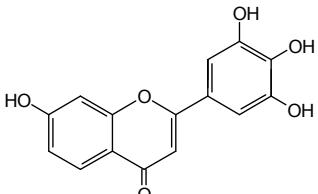
<b>021246S</b>	<b>Syringetin-3-O-galactoside with HPLC, 99+%</b> [55025-56-4] $C_{23}H_{24}O_{13}$ MW 508.43 mp 230-234°C		5 mg
<b>021245S</b>	<b>Syringetin-3-O-glucoside with HPLC, 99+%</b> [40039-49-4] $C_{23}H_{24}O_{13}$ MW 508.43 mp 250°C (dec)		5 mg
<b>021140S</b>	<b>Tamarixetin with HPLC, 99+%</b> [603-61-2] (Quercetin-4'-methylether; 4'-Methoxy-3,5,7,3'-tetrahydroflavone) $C_{16}H_{12}O_7$ MW 316.27 mp 265-268°C		10 mg
<b>06-026</b>	<b>Tangeretin, 98% (Natural)</b> (5,6,7,8,4'-Pentamethoxyflavone) [481-53-8] $C_{20}H_{20}O_7$ MW 372.38 White powder Soluble in water & Alcohol		50 mg 100 mg
<i>Tectochrysin: see H-110 5-Hydroxy-7-methoxyflavone</i>			
<b>22-318</b>	<b>3,6,2',3'-Tetrahydroxyflavone, 97%</b> $C_{15}H_{10}O_6$ MW 286.25 mp 269-270°C (dec) Yellow crystals Soluble in methanol		100 mg 250 mg
<b>22-205</b>	<b>3,6,2',4'-Tetrahydroxyflavone, 97+%</b> $C_{15}H_{10}O_6$ MW 286.25 mp 284-285°C Yellow crystals Soluble in acetone		100 mg

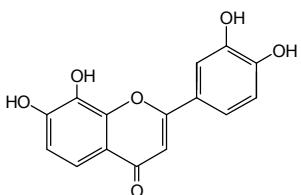
22-344	<b>3,6,3',4'-Tetrahydroxyflavone, 97%</b> C <sub>15</sub> H <sub>10</sub> O <sub>6</sub> MW 286.25 mp 335-336°C Yellow crystals Soluble in hot aqueous methanol		100 mg 250 mg
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*3,7,3',4'-Tetrahydroxyflavone:* see *F-002 Fisetin*  
*3,5,7,4'-Tetrahydroxyflavone:* see *K-102 Kaempferol*  
*5,7,3',4'-Tetrahydroxyflavone:* see *L-101 Luteolin*

22-392	<b>3,7,8,2'-Tetrahydroxyflavone, 98%</b> C <sub>15</sub> H <sub>10</sub> O <sub>6</sub> MW 286.25 mp >300°C Light yellow fluffy powder Soluble in DMF		25 mg 50 mg
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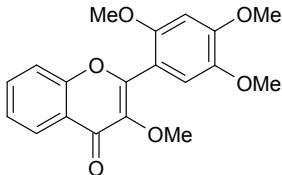
22-393	<b>6,7,3',4'-Tetrahydroxyflavone, 99%</b> C <sub>15</sub> H <sub>10</sub> O <sub>6</sub> MW 286.25      mp >300°C Yellow fluffy powder Soluble in DMF		25 mg 50 mg
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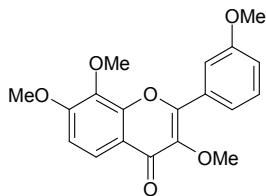
22-341	<b>7,3',4',5'-Tetrahydroxyflavone, 97%</b> C <sub>15</sub> H <sub>10</sub> O <sub>6</sub> MW 286.25 mp 336-338°C Yellow crystals Soluble in methanol		100 mg 250 mg
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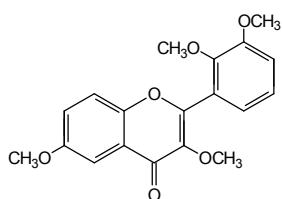
T-201	<b>7,8,3',4'-Tetrahydroxyflavone, 98%</b> [3440-24-2] C <sub>15</sub> H <sub>10</sub> O <sub>6</sub> MW 286.25 mp ~309-310°C Yellow needles		100 mg 250 mg
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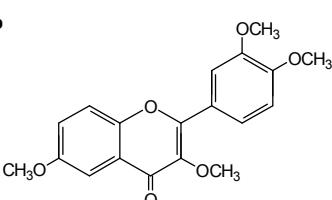
021342	<b>3',4',5,7-Tetrahydroxy-3-methoxyflavone, 99% [1486-70-0]</b> (Quercetin-3-methyl ether) C <sub>16</sub> H <sub>12</sub> O <sub>7</sub> MW 316.27 mp >300°C Soluble in DMF		5 mg
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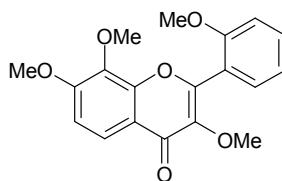
**5,6,7,4'-Tetramethoxyflavone:**  
see 021278 *Scutellarein tetramethyl ether*

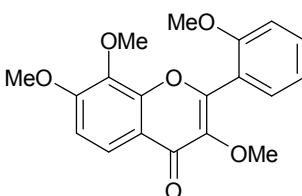
22-382	<b>3,2',4',5'-Tetramethoxyflavone, 99%</b> C <sub>19</sub> H <sub>18</sub> O <sub>6</sub> MW 342.35 mp 111-114°C White fluffy powder Soluble in chloroform		25 mg 50 mg
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22-399	<b>3,3',7,8-Tetramethoxyflavone, 99%</b> C <sub>19</sub> H <sub>18</sub> O <sub>6</sub> MW 342.35 mp 121-123°C White fluffy powder Soluble in acetone		25 mg 50 mg
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22-319	<b>3,6,2',3'-Tetramethoxyflavone, 97%</b> C <sub>19</sub> H <sub>18</sub> O <sub>6</sub> MW 342.35 mp 132-133°C White crystals Soluble in methanol		100 mg 250 mg
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22-309	<b>3,6,3',4'-Tetramethoxyflavone, 98%</b> C <sub>19</sub> H <sub>18</sub> O <sub>6</sub> MW 342.35 mp 165-167°C White crystals Soluble in acetone or methanol		100 mg 250 mg
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22-394	<b>3,7,8,2'-Tetramethoxyflavone, 99%</b> C <sub>19</sub> H <sub>18</sub> O <sub>6</sub> MW 342.35 mp 93-95°C White shining powder Soluble in chloroform		25 mg 50 mg
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22-400	<b>3,7,8,4'-Tetramethoxyflavone, 99%</b> C <sub>19</sub> H <sub>18</sub> O <sub>6</sub> MW 342.35 mp 147-149°C White fluffy needles Soluble in acetone		25 mg 50 mg
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**L-102      5,7,3',4'-Tetramethoxyflavone, 98%**

(Luteolin tetramethyl ether)

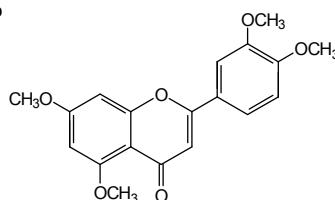
[855-97-0]

C<sub>19</sub>H<sub>18</sub>O<sub>6</sub>

MW 342.35      mp 193-195°C

White crystals

Soluble in acetone or methanol



10 mg

**22-395      6,7,3',4'-Tetramethoxyflavone, 99%**

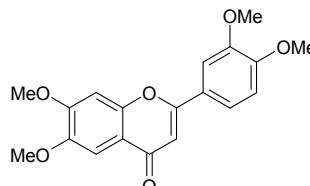
C<sub>19</sub>H<sub>18</sub>O<sub>6</sub>

MW 342.35

mp 218-219°C

White fluffy powder

Soluble in chloroform



25 mg

50 mg

**22-320      7,3',4',5'-Tetramethoxyflavone, 97%**

C<sub>19</sub>H<sub>18</sub>O<sub>6</sub>

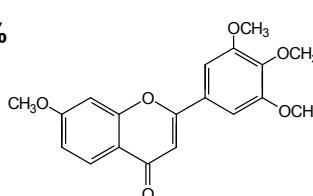
MW 342.35

mp 190-191°C



Off white crystals

Soluble in methanol



100 mg

250 mg

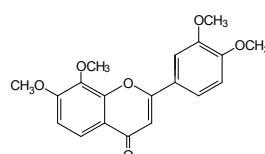
**T-202      7,8,3',4'-Tetramethoxyflavone, 98%**

[65548-55-2]

C<sub>19</sub>H<sub>18</sub>O<sub>6</sub>

MW 342.35

mp 205-207°C



100 mg

250 mg

**021001S      Tiliroside with HPLC, 99+%**

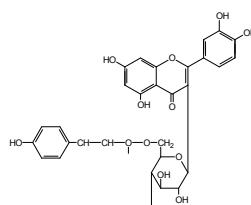
[20316-62-5]

C<sub>30</sub>H<sub>26</sub>O<sub>13</sub>

MW 594.53

mp 257-260°C

Yellow powder



10 mg

**19-208      6,8,2'-Trichloroflavone, 98%**

C<sub>15</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>2</sub>

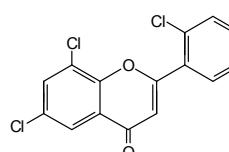
MW 325.59

mp 192.8-193.9°C



White fluffy powder

Soluble in chloroform



250 mg

1 gm

**17-156      6,8,4'-Trichloroflavone, 99%**

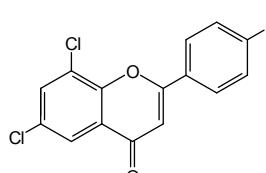
C<sub>15</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>2</sub>

MW 325.59

mp 253-257°C

White fluffy solid

Soluble in chloroform

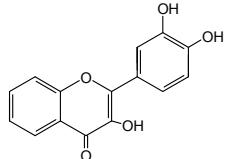


250 mg

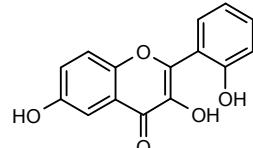
1 gm

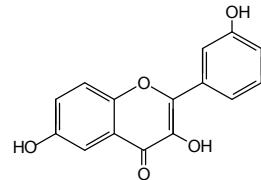
*6,3',4'-Trihydroxyaurone:* see 020088S *Sulfuretin with HPLC*

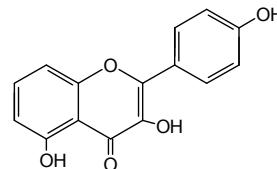
*5,7,3'-Trihydroxy-3,4'-dimethoxyflavone:*  
see T-110 *3,4'-Dimethoxy-5,7,3'-trihydroxyflavone*

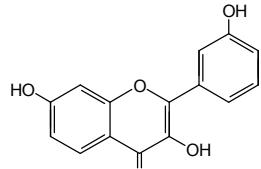
T-601	<b>3,3',4'-Trihydroxyflavone, 98%</b> (3',4'-Dihydroxyflavonol) $C_{15}H_{10}O_5$ MW 270.25		100 mg
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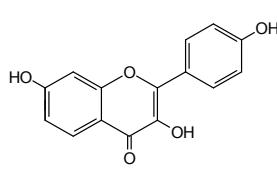
*3,5,7-Trihydroxyflavone:* see 020067 *Galangin*

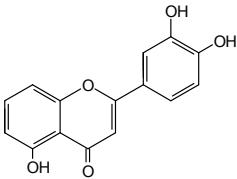
22-355	 <b>3,6,2'-Trihydroxyflavone, 98%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 240-246°C Dull Green Powder Soluble in Chloroform:Methanol (8:2)		100 mg 250 mg
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22-334	<b>3,6,3'-Trihydroxyflavone, 97%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 300°C Yellow crystals Soluble in acetone		100 mg 250 mg
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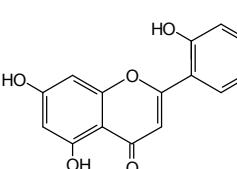
T-405	<b>3,6,4'-Trihydroxyflavone, 98%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 338-340°C Greenish yellow crystals Soluble in organic solvents		100 mg
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22-327	 <b>3,7,3'-Trihydroxyflavone, 97%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 298-300°C Yellow crystals Soluble in methanol		100 mg 250 mg
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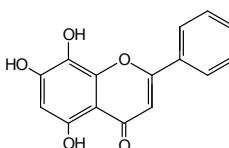
T-251	<b>3,7,4'-Trihydroxyflavone, 98%</b> (5-Deoxykaempferol; Resokaempferol) [2034-65-3] $C_{15}H_{10}O_5$ MW 270.25 mp 310-311°C Yellow crystals Soluble in methanol		50 mg
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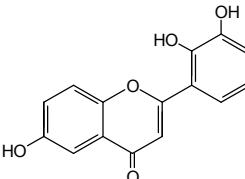
T-406	<b>5,3',4'-Trihydroxyflavone, 98%</b> [19852-25-6] $C_{15}H_{10}O_5$ MW 270.25 mp 310-312°C Dark yellow crystals Soluble in pyridine		100 mg
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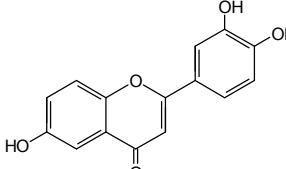
5,6,7-Trihydroxyflavone: see B-101 Baicalein

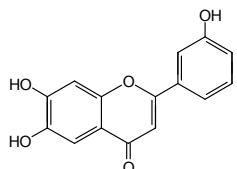
T-407	<b>5,7,2'-Trihydroxyflavone, 98%</b> [73046-40-9] $C_{15}H_{10}O_5$ MW 270.25		100 mg
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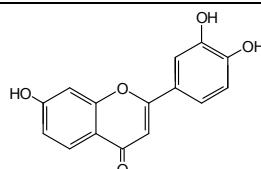
5,7,4'-Trihydroxyflavone: see A-002 Apigenin

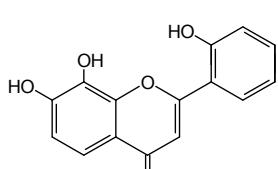
021225	<b>5,7,8-Trihydroxyflavone</b> (Norwogonin) [4443-09-8] $C_{15}H_{10}O_5$ MW 270.25 Powder Soluble in toluene:acetone:ethyl formate (5:4:1)		5 mg
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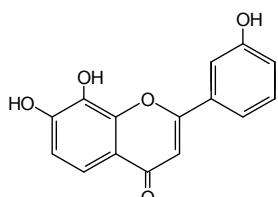
22-324	<b>6,2',3'-Trihydroxyflavone, 97%</b>  $C_{15}H_{10}O_5$ MW 270.25 mp 278-280°C Yellow crystals Soluble in methanol		100 mg 250 mg
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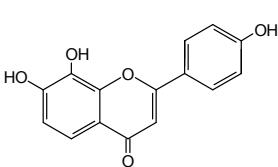
T-408	<b>6,3',4'-Trihydroxyflavone, 98%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 326-328°C Yellow crystals Soluble in methanol		100 mg
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22-336	<b>6,7,3'-Trihydroxyflavone, 97%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 305-307°C Yellow crystals Soluble in acetone		100 mg
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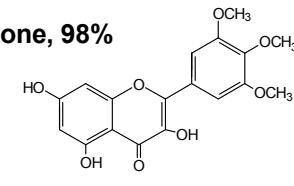
T-414	<b>7,3',4'-Trihydroxyflavone, 98%</b> [2150-11-0] $C_{15}H_{10}O_5$ MW 270.25 mp 330-332°C Yellow crystalline material Soluble in methanol or acetone		100 mg
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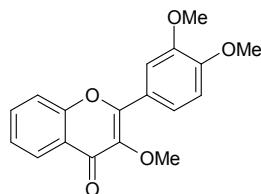
T-410	<b>7,8,2'-Trihydroxyflavone, 98%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 298-299°C Light brown crystals Sparingly soluble in organic solvents		100 mg
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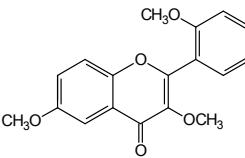
T-411	<b>7,8,3'-Trihydroxyflavone, 98%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 309-311°C Yellow crystals Soluble in methanol		100 mg
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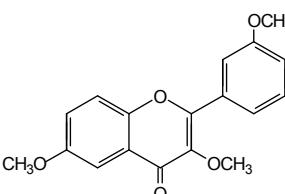
T-412	<b>7,8,4'-Trihydroxyflavone, 98%</b> $C_{15}H_{10}O_5$ MW 270.25 mp 312-314°C Yellow crystals Soluble in methanol		250 mg
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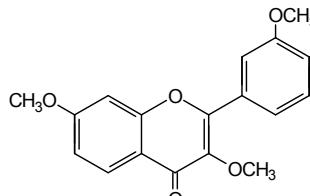
*3,5,7-Trihydroxy-4'-methoxyflavone: see K-101 Kaempferide*

M-116	<b>3,5,7-Trihydroxy-3',4',5'-trimethoxyflavone, 98%</b> (Myricetin trimethyl ether) [146132-95-8] $C_{18}H_{16}O_8$ MW 360.32 mp 288-291°C (dec)		10 mg
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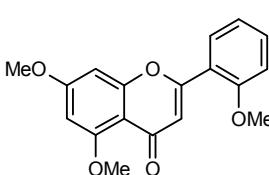
22-356	<b>3,3',4'-Trimethoxyflavone, 98%</b> $C_{18}H_{16}O_5$ MW 312.33 mp 167.8-168.8°C White powder Soluble in chloroform		100 mg 250 mg
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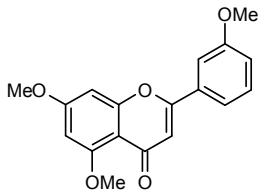
22-352	<b>3,6,2'-Trimethoxyflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 113-115°C White crystals Soluble in methanol		100 mg 250 mg
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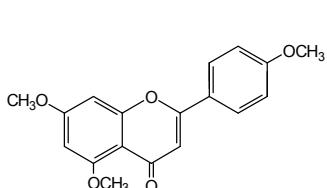
22-335	<b>3,6,3'-Trimethoxyflavone, 97%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 118-120°C White crystals Soluble in acetone		100 mg 250 mg
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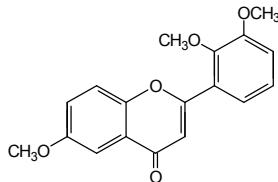
22-328	<b>3,7,3'-Trimethoxyflavone, 97%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 122-123°C White needles Soluble in acetone		100 mg 250 mg
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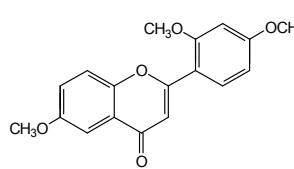
*5,6,7-Trimethoxyflavone: see B-251 Baicalein trimethyl ether*

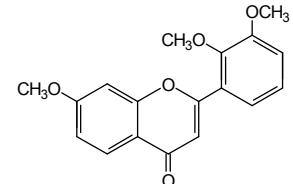
22-362	<b>5,7,2'-Trimethoxyflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 179-180°C White powder Soluble in chloroform		50 mg 100 mg
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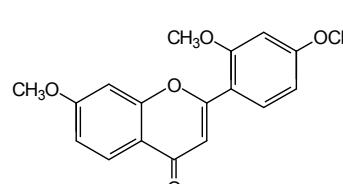
22-358	<b>5,7,3'-Trimethoxyflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 147-150°C White color fluffy powder Soluble in chloroform		50 mg 100 mg
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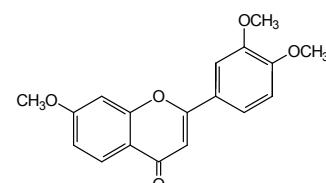
A-106	<b>5,7,4'-Trimethoxyflavone, 98%</b> (Apigenin trimethyl ether) [5631-70-9] C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 158-160°C (dec) White crystals Soluble in methanol		100 mg 500 mg
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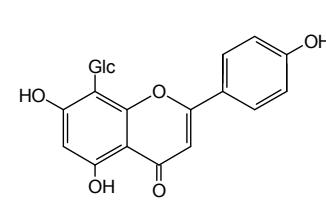
22-323	<b>6,2',3'-Trimethoxyflavone, 97%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33      mp 116-118°C White crystals Soluble in methanol		100 mg 250 mg
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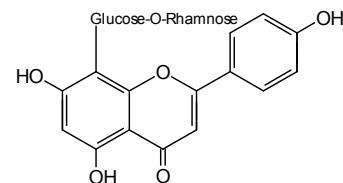
22-322	<b>6,2',4'-Trimethoxyflavone, 97%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33      mp 189-191°C Yellow crystals Soluble in methanol		100 mg 250 mg
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22-329	<b>7,2',3'-Trimethoxyflavone, 97%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33      mp 107-108°C Off white crystals Soluble in methanol or acetone		100 mg 250 mg
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22-330	<b>7,2',4'-Trimethoxyflavone, 97%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33      mp 136-138°C Pale yellow crystals Soluble in methanol or acetone		100 mg 250 mg
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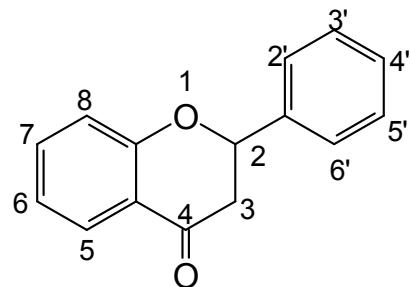
T-204	<b>7,3',4'-Trimethoxyflavone, 98%</b> [22395-24-0] C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33      mp 179-181°C Off white powder Soluble in chloroform		100 mg 250 mg
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021232S	<b>Vitexin with HPLC, 99+%</b> (Apigenin-8-C-glucoside) [3681-93-4] C <sub>21</sub> H <sub>20</sub> O <sub>10</sub> MW 432.38      mp 256-257°C Yellow powder Soluble in ethyl acetate:formic acid (50:7)		5 mg
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021006	<b>Vitexin-2"-O-rhamnoside</b> (Apigenin-8-C-glucoside-2'-rhamnoside) [64820-99-1] C <sub>27</sub> H <sub>30</sub> O <sub>14</sub> MW 578.51 mp 215°C		5 mg
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## FLAVANONES

This directory lists rare and high purity flavanones that we currently supply. We also welcome inquiries for non-listed flavanones. The listing is alphabetical. Synonyms are listed in parentheses under each entry.

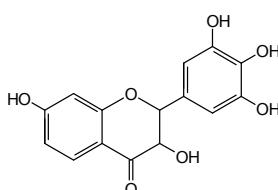


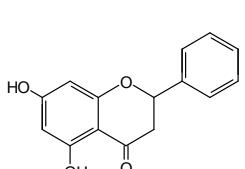
021237S	<b>Bavachinin A with HPLC</b> [19879-30-2] $C_{21}H_{22}O_4$ MW 338.40 mp 139-145°C		5 mg
19-383	<b>6-Chloro-3',4'-dimethoxyflavanone, 99%</b> $C_{17}H_{15}ClO_4$ MW 318.76 mp 132-134°C Off white powder Soluble in chloroform		100 mg 250 mg
19-380	<b>8-Chloroflavanone, 98%</b> $C_{15}H_{11}ClO_2$ MW 258.71 mp 59-60°C		100 mg 250 mg
19-379	<b>8-Chloro-4'-fluoroflavanone, 98+%</b> $C_{15}H_{10}ClFO_2$ MW 276.70 mp 96-101°C White fluffy powder Soluble in chloroform		100 mg 250 mg
19-382	<b>6-Chloro-4'-methylflavanone, 98%</b> $C_{16}H_{13}ClO_2$ MW 272.73 mp 100-102°C White powder Soluble in chloroform		100 mg 250 mg
19-381	<b>8-Chloro-4'-methylflavanone, 98%</b> $C_{16}H_{13}ClO_2$ MW 272.73 mp 74-75°C Soluble in chloroform		100 mg 250 mg
021166S	<b>Didymin with HPLC, 99+%</b> (Isosakuranetin-7-O-rutinoside; Neoponcirin) [14259-47-3] $C_{28}H_{34}O_{14}$ MW 594.57 mp 199-203°C		5 mg

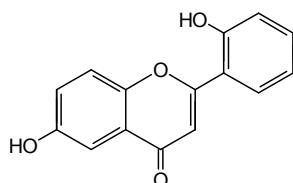
*2,3-Dihydrofisetin*: see *D-105 3,7,3',4'-Tetrahydroxyflavanone*

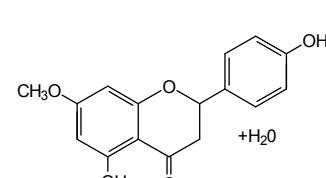
*2,3-Dihydroflavone*: see *D-001 Flavanone*

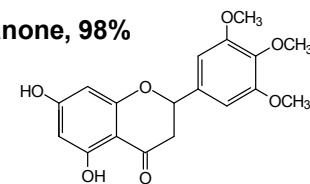
*2,3-Dihydroquercetin*: see *P-101 3,5,7,3',4'-Pentahydroxyflavanone*

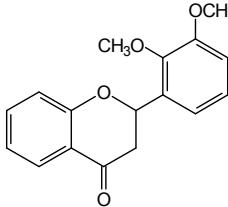
021037	<b>Dihydrorobinetin, 98%</b> (3,7,3',4',5'-Pentahydroxyflavanone) [4382-33-6] $C_{15}H_{12}O_7$ MW 304.26 mp ~260°C Powder		100 mg
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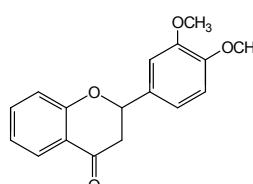
021162	<b>5,7-Dihydroxyflavanone, 98%</b> (Pinocembrin) [68745-38-0] $C_{15}H_{12}O_4$ MW 256.26 mp ~190°C Powder Soluble in DMSO		10 mg
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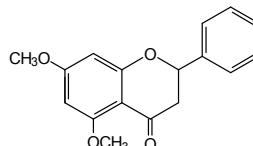
22-339	<b>6,2'-Dihydroxyflavanone, 98%</b> $C_{15}H_{12}O_4$ MW 256.26 mp 175-176°C Off white crystals Soluble in methanol		100 mg 250 mg
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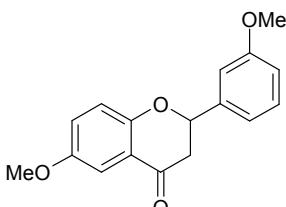
021247S	<b>5,4'-Dihydroxy-7-methoxyflavanone with HPLC, 99+%</b> (Sakuranetin w/HPLC) [2957-21-3] $C_{16}H_{14}O_5$ MW 286.29 mp 153-154°C <i>Merck Index 12,8470</i>		10 mg
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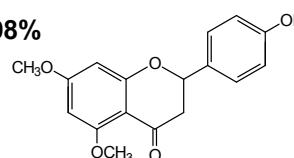
021039	<b>5,7-Dihydroxy-3',4',5'-trimethoxyflavanone, 98%</b> [62252-10-2] $C_{18}H_{18}O_7$ MW 346.34 mp 227-230°C		5 mg
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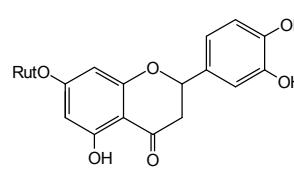
22-220	<b>2',3'-Dimethoxyflavanone, 98%</b> C <sub>17</sub> H <sub>15</sub> O <sub>4</sub> MW 283.31 mp 93°C Off white prisms Soluble in methanol		100 mg
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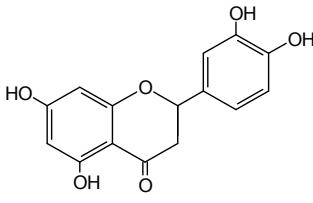
22-316	<b>3',4'-Dimethoxyflavanone, 98%</b> C <sub>17</sub> H <sub>15</sub> O <sub>4</sub> MW 283.31 mp 123-125°C Off white crystals Soluble in methanol		100 mg 250 mg
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D-202	<b>5,7-Dimethoxyflavanone, 98+%</b> [1036-72-2] C <sub>17</sub> H <sub>15</sub> O <sub>4</sub> MW 283.31 mp 144-146°C White powder Soluble in chloroform		50 mg
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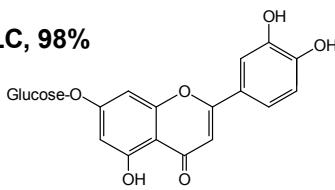
22-365	<b>6,3'-Dimethoxyflavanone, 99%</b> C <sub>17</sub> H <sub>15</sub> O <sub>4</sub> MW 283.31 mp 102-104°C White crystals Soluble in methanol or acetone		50 mg
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H-107	<b>5,7-Dimethoxy-4'-hydroxyflavanone, 98%</b> C <sub>17</sub> H <sub>16</sub> O <sub>5</sub> MW 300.31 mp 209-212°C		50 mg 100 mg
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021110S	<b>Eriocitrin with HPLC, 99+%</b> (Eriodictyol-7-rutinoside) [13463-28-0] C <sub>27</sub> H <sub>32</sub> O <sub>15</sub> MW 596.54 mp 161-190°C Slightly yellow powder Soluble in ethyl acetate:methanol:water (100:25:10)		5 mg
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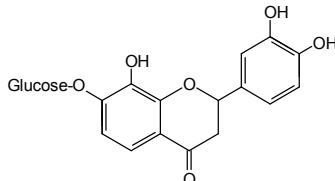
<b>020056</b>	<b>Eriodictyol, 95%</b> (5,7,3',4'-Tetrahydroxyflavanone) [4049-38-1] $C_{15}H_{12}O_6$ MW 288.26 mp 270°C <i>Merck Index 12, 3710</i>		50 mg
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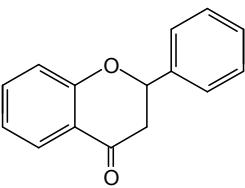
<b>021111S</b>	<b>Eriodictyol with HPLC, 99+%</b> [4049-38-1] mp 270°C (dec)		10 mg
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<b>021112S</b>	<b>Eriodictyol-7-O-glucoside with HPLC, 98%</b> [38965-51-4] $C_{21}H_{22}O_{11}$ MW 450.39 mp 171-176°C Soluble in 5mg/20ml of Methanol		10 mg
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*Eriodictyol-7-O-neohesperidoside: see 021131S Neoeriocitrin*

*Eriodictyol-7-O-rutinoside: see 021110S Eriocitrin with HPLC*

<b>020058S</b>	<b>Flavanomarein with HPLC, 99+%</b> (Isookanin-7-O-glucoside) [577-38-8] $C_{21}H_{22}O_{11}$ MW 450.39 mp 243-246°C		10 mg
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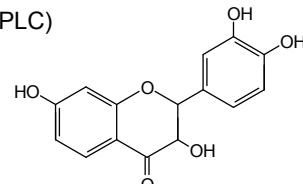
<b>D-001</b>	<b>Flavanone, 98+%</b> (2,3-Dihydroflavone) [487-26-3] $C_{15}H_{12}O_2$ MW 224.26 White crystals Soluble in methanol		5 gm 25 gm
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<b>16-003</b>	<b>Flavanone azine, 98%</b> $C_{30}H_{24}N_2O_2$ MW 444.55		100 mg
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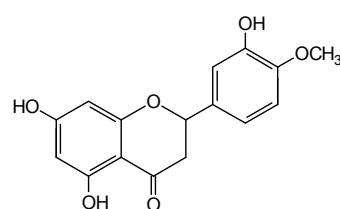
<b>021208</b>	<b>Flavanone diacetylhydrazone, 98%</b> $C_{19}H_{18}N_2O_3$ MW 322.35 mp 149-151°C		50 mg
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<b>021209</b>	<b>Flavanone hydrazone, 98%</b> [1692-46-2] $C_{15}H_{14}N_2O$ MW 238.28	50 mg
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<b>021339S</b>	<b>Fustin with HPLC, 99+%</b> (3,7,3',4'-Tetrahydroxyflavanone with HPLC) [20725-03-5] $C_{15}H_{12}O_6$ MW 288.26 mp 217-219°C (dec) <i>Merck Index</i> 12, 4341	5 mg
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<b>H-103</b>	<b>Hesperetin, 98%</b> (5,7,3'-Trihydroxy-4'-methoxyflavanone) [520-33-2] $C_{16}H_{14}O_6$ MW 302.29      mp 229-231°C Cream powder Soluble in toluene:ethyl formate: formic acid (5:4:1) <i>Merck Index</i> 12, 4704	1 gm
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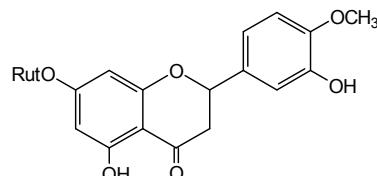


<b>021115S</b>	<b>Hesperetin with HPLC, 99+%</b> [520-33-2]	10 mg
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*Hesperetin-7-neohesperidoside: see 021132S Neohesperidin*

*Hesperetin-7-rutinoside: see 06-017 Hesperidin*

<b>06-017</b>	<b>Hesperidin, 95%</b> (Hesperetin-7-O-rutinoside) [520-26-3] $C_{28}H_{34}O_{15}$ MW 610.57 mp 257-261°C Soluble in water <i>Merck Index</i> 12, 4705	5 gm
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<b>021116S</b>	<b>Hesperidin with HPLC, 99+%</b> [520-26-3]	10 mg
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020091	<b>Homoeriodictyol</b> [107657-60-3] $C_{16}H_{14}O_6$ MW 302.29 mp 225°C (dec) <i>Merck Index 12, 4773</i>		50 mg
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021118S	<b>Homoeriodictyol with HPLC, 99+%</b> mp 225-227°C (dec)	10 mg
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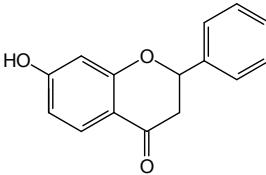
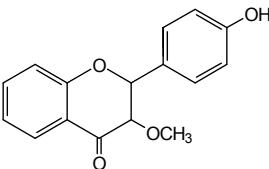
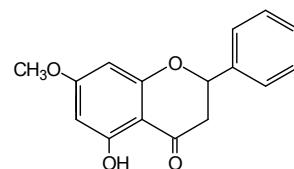
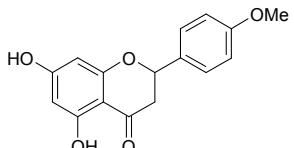
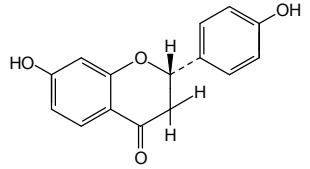
021283S	<b>(-)-Homoeriodictyol with HPLC, 99+%</b> [446-71-9] (Eriodictyonone; 5,7,4'-Trihydroxy-3'-methoxyflavanone) $C_{16}H_{14}O_6$ MW 302.29 mp 226-229°C	5 mg
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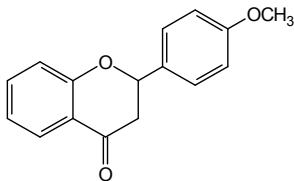
H-021	<b>2'-Hydroxyflavanone, 98%</b> [17348-76-4] $C_{15}H_{12}O_3$ MW 240.26 mp 164-165°C White crystalline material Soluble in methanol or acetone		250 mg
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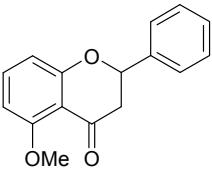
H-408	<b>3'-Hydroxyflavanone, 98%</b> $C_{15}H_{12}O_3$ MW 240.26 mp 134-136°C White crystals		250 mg
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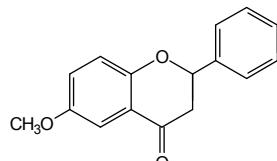
H-022	<b>4'-Hydroxyflavanone, 97%</b> [6515-37-3] $C_{15}H_{12}O_3$ MW 240.26 mp 185-186°C White crystals Soluble in methanol or acetone		250 mg
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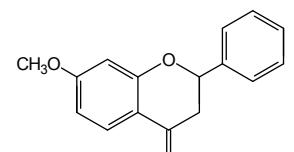
H-023	<b>6-Hydroxyflavanone, 99%</b> [4250-77-5] $C_{15}H_{12}O_3$ MW 240.26 mp 220-221°C white crystals Soluble in methanol or acetone		250 mg
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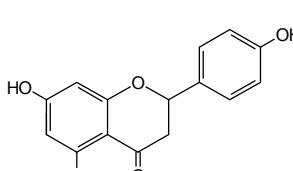
H-024	<b>7-Hydroxyflavanone, 98%</b> [6515-36-2] C <sub>15</sub> H <sub>12</sub> O <sub>3</sub> MW 240.26      mp 188-189°C Pale pink crystals Soluble in methanol		250 mg 500 mg
22-342	<b>4'-Hydroxy-3'-methoxyflavanone, 97%</b> C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp 172-174°C Off white crystals Soluble in hot aqueous methanol		100 mg 250 mg
021095	<b>5-Hydroxy-7-methoxyflavanone, 98%</b> (Pinocembrin-7-methylether; Pinostrobin) [480-37-5] C <sub>16</sub> H <sub>14</sub> O <sub>4</sub> MW 270.29 mp ~101°C Off white powder (with pink shade) Soluble in chloroform		25 mg
<i>Isookanin-7-glucoside</i> : see 020058S <i>Flavanomarein</i>			
020090	<b>Isosakuranetin</b> [480-43-3] C <sub>16</sub> H <sub>14</sub> O <sub>5</sub> MW 286.29 mp 193-194°C White powder		50 mg
021122S	<b>Isosakuranetin with HPLC, 99+%</b> [480-43-3] mp 193-194°C		10 mg
<i>Isosakuranetin-7-neohesperidoside</i> : see 021133S <i>Poncirin</i>			
<i>Isosakuranetin-7-rutinoside</i> : see 021166S <i>Didymin</i>			
021150S	<b>Liquiritigenin with HPLC, 99+%</b> (7,4'-Dihydroxyflavanone) [41680-09-5] C <sub>15</sub> H <sub>12</sub> O <sub>4</sub> mp 206-208°C      MW 256.26 Soluble in toluene:dioxane: acetic acid (95:25:4)		10 mg

<b>M-008</b>	<b>4'-Methoxyflavanone, 98%</b> [3034-08-0] $C_{16}H_{14}O_3$ MW 254.29 mp 92-94°C White crystals Clear solution in methanol or acetone		250 mg 1 gm
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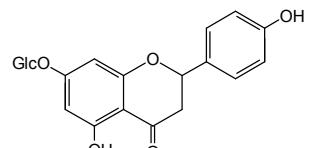
<b>M-009</b>	<b>5-Methoxyflavanone, 98%</b> [55947-36-9] $C_{16}H_{14}O_3$ MW 254.29            mp 144-145°C White powder Soluble in chloroform		250 mg 1 gm
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<b>M-010</b>	<b>6-Methoxyflavanone , 98%</b> [3034-04-6] $C_{16}H_{14}O_3$ MW 254.29            mp 141-142°C White crystals Soluble in acetone		250 mg 1 gm
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<b>M-011</b>	<b>7-Methoxyflavanone, 98%</b> (7-Hydroxyflavanone methylether) [21785-09-1] $C_{16}H_{14}O_3$ MW 254.29            mp 88-89°C White crystals Soluble in acetone		250 mg 1 gm
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<b>N-101</b>	<b>Naringenin, 98%</b> (5,7,4'-Trihydroxyflavanone) [480-41-1] $C_{15}H_{12}O_5$ MW 272.26            mp 251-253°C Brown crystalline powder <i>Merck Index 12, 6511</i>		5 gm
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<b>021128S</b>	<b>Naringenin with HPLC, 99+%</b> [480-41-1]		10 mg
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<b>021090</b>	<b>Naringenin-7-O-glucoside</b> [529-55-5] $C_{21}H_{22}O_{10}$ MW 434.39 mp 222-224°C Cream colored powder Soluble in 5mg/20ml ethanol		100 mg
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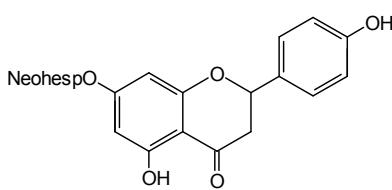
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<b>021160S</b>	<b>Naringenin-7-O-glucoside with HPLC, 99+%</b> [529-55-5]	10 mg
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*Naringenin-7-O-rutinoside: see 021130S Narirutin with HPLC*

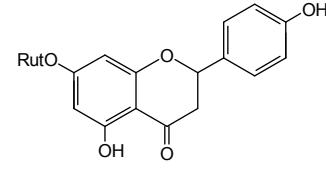
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<b>06-020</b>	<b>Naringin, 98+%</b> (Naringenin-7-O-neohesperidoside) [10236-47-2] $C_{27}H_{32}O_{14}$ MW 580.54 mp ~171°C (dec) Yellowish powder <i>Merck Index 12, 6512</i>		10 gm 25 gm
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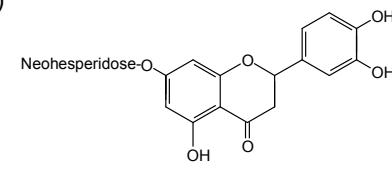
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<b>021129S</b>	<b>Naringin with HPLC, 99+%</b>	10 mg
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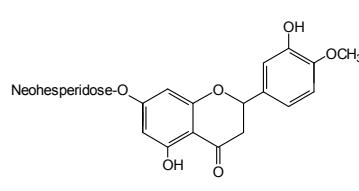
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<b>021130S</b>	<b>Narirutin with HPLC, 99+%</b> (Naringenin-7-O-rutinoside) [14259-46-2] $C_{27}H_{32}O_{14}$ MW 580.54 mp 155-165°C Cream colored powder Soluble in ethylacetate/methylethylketone/acetic acid/water (5/3/1:V/V/V/V)		5 mg
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<b>021131S</b>	<b>Neoeriocitrin with HPLC, 99+%</b> (Eriodictyol-7-O-neohesperidoside) [13241-32-2] $C_{27}H_{32}O_{15}$ MW 596.54 mp 277°C Off white powder Soluble in ethyl acetate: methanol:water (100:25:10)		10 mg
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<b>021132S</b>	<b>Neohesperidin with HPLC, 99+%</b> (Hesperetin-7-O-neohesperidoside) [13241-33-3] $C_{28}H_{34}O_{15}$ MW 610.57 mp 239-243°C Off white powder Soluble in ethyl acetate:methanol: water (100:25:10)		10 mg
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*Neoponcirin: see 021166S Didymin*

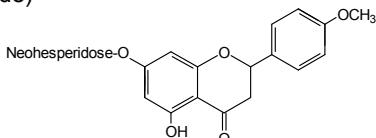
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P-101	<b>3,5,7,3',4'-Pentahydroxyflavanone</b> (2,3-Dihydroquercetin; Taxifolin) [480-18-2] $C_{15}H_{12}O_7$ MW 304.26 mp 230-233°C (dec) White to off white powder Clear yellow solution in 20 mg/ml of ethanol		25 mg
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*Pinocembrin:* see 021162 5,7-Dihydroxyflavanone

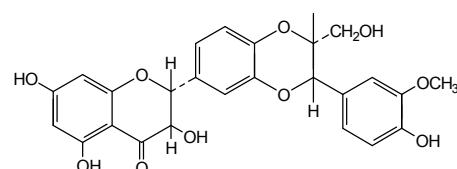
*Pinocembrin-7-methylether:*  
see 021095 5-Hydroxy-7-methoxyflavanone

*Pinostrobin:* see 021095 5-Hydroxy-7-methoxyflavanone

021133S	<b>Poncirin with HPLC, 99+%</b> (Isosakuranetin-7-O-neohesperidoside) [14941-08-3] $C_{28}H_{34}O_{14}$ MW 594.57 mp 177°C Cream powder		10 mg
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*7-O-Rutinosyl-5,3',4'-trihydroxyflavanone:*  
see 021110S Eriocitrin with HPLC

*Sakuranetin:* see 021247 S 5,4'-Dihydroxy-7-methoxyflavanone

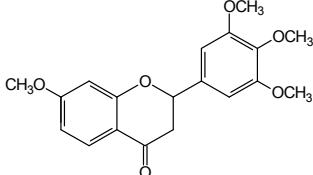
021040	<b>Silybin</b> (Silymarin) [22888-70-6] $C_{25}H_{22}O_{10}$ MW 482.44 mp ~164-174°C White powder Soluble in toluene:ethyl formate:HCOOH (5:4:1) Merck Index 12, 8680		100 mg
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*Silymarin I:* see 021040 Silybin

*Taxifolin:* see P-101 3,5,7,3',4'-Pentahydroxyflavanone

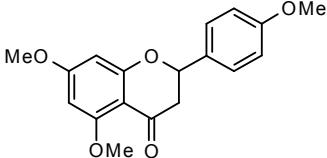
*3,7,3',4'-Tetrahydroxyflavanone with HPLC:* see 021339  
*Fustin with HPLC*

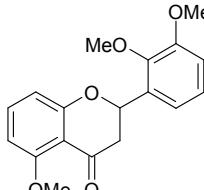
*5,7,3',4'-Tetrahydroxyflavanone*: see 020056 *Eriodictyol*

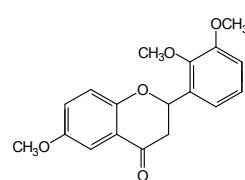
22-351	<b>7,3',4',5'-Tetramethoxyflavanone, 98%</b> C <sub>19</sub> H <sub>20</sub> O <sub>6</sub> MW 344.37 mp 147-149°C White crystals Soluble in methanol or acetone		25 mg 100 mg
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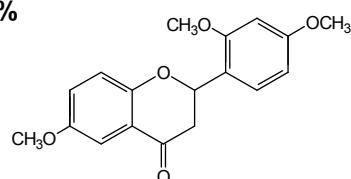
*5,7,4'-Trihydroxyflavanone*: see N-101 *Naringenin*

*5,7,3'-Trihydroxy-4'-methoxyflavanone*: see H-103 *Hesperetin*

19-837	<b>4',5,7-Trimethoxyflavanone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 125-127°C White powder Soluble in chloroform		50 mg 100 mg
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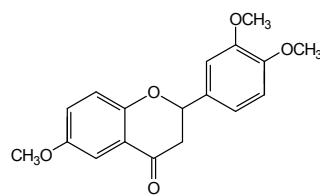
22-383	<b>5,2',3'-Trimethoxyflavanone, 99%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 137-138°C White crystals Soluble in methanol		25 mg 50 mg
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22-202	<b>6,2',3'-Trimethoxyflavanone, 98%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 96-98°C White crystals Soluble in methanol		100 mg
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22-321	<b>6,2',4'-Trimethoxyflavanone, 97%</b> C <sub>18</sub> H <sub>18</sub> O <sub>5</sub> MW 314.34 mp 159-160°C White crystals Soluble in methanol		100 mg 250 mg
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**22-224      6,3',4'-Trimethoxyflavanone, 98%**

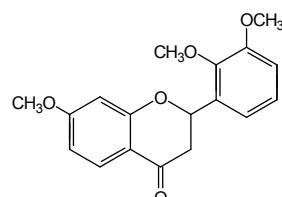
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>  
MW 314.34  
mp 175-176°C  
White crystals  
Soluble in methanol



100 mg

**22-218      7,2',3'-Trimethoxyflavanone, 98%**

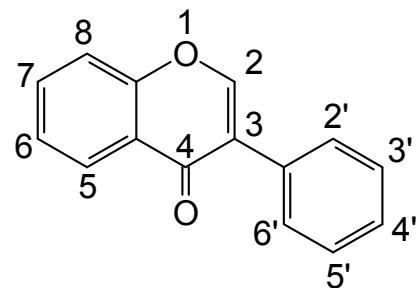
C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>  
MW 314.34  
mp 94-95°C  
Pale yellow crystals  
Soluble in methanol or benzene

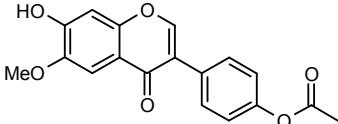
100 mg

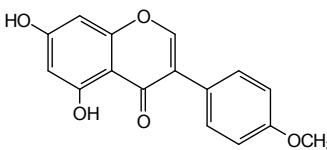
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## **ISOFLAVONES**

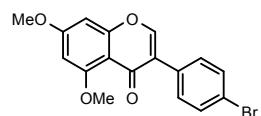
This directory lists the rare and high purity isoflavones that we currently supply. We also encourage inquiries for non-listed products. The listing is alphabetical. Synonyms can be found in parentheses under each entry.

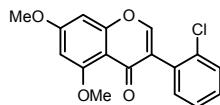


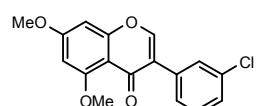
<b>19-659</b>	<b>4'-Acetoxy-7-hydroxy-6-methoxyisoflavone, 98%</b> C <sub>18</sub> H <sub>14</sub> O <sub>6</sub> MW 326.31 mp 200.6-203°C White powder Soluble in chloroform		10 mg 25 mg
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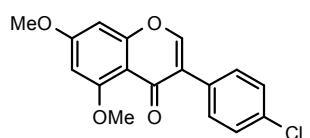
<b>B-106</b>	<b>Biochanin A, 98%</b> (5,7-Dihydroxy-4'-methoxyisoflavone) [491-80-5] C <sub>16</sub> H <sub>12</sub> O <sub>5</sub> MW 284.27 mp 210-213°C Pale yellow powder		100 mg 500 mg
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*Biochanin A-7-glucoside: see 021244S Sissotrin*

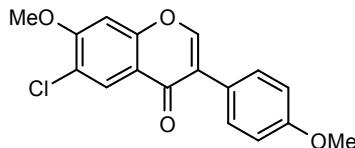
<b>19-604</b>	<b>4'-Bromo-5,7-dimethoxyisoflavone, 99%</b> C <sub>17</sub> H <sub>13</sub> BrO <sub>4</sub> MW 361.19 mp 204.2-205.8°C White fluffy powder Soluble in chloroform		25 mg 50 mg
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<b>19-607</b>	<b>2'-Chloro-5,7-dimethoxyisoflavone, 99%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>4</sub> MW 316.74 mp 172.3-174°C White fluffy powder Soluble in chloroform		25 mg 50 mg
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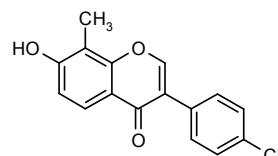
<b>19-608</b>	<b>3'-Chloro-5,7-dimethoxyisoflavone, 99%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>4</sub> MW 316.74 mp 134.3-136.3°C Off white shining powder Soluble in chloroform		25 mg 50 mg
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<b>19-586</b>	<b>4'-Chloro-5,7-dimethoxyisoflavone, 99%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>4</sub> MW 316.74 mp 189.2-191.8°C Off white shining powder Soluble in chloroform		10 mg 25 mg
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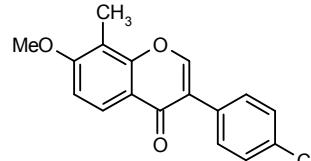
<b>19-759</b>	<b>6-Chloro-4',7-dimethoxyisoflavone, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>4</sub> MW 316.74 mp 216.2-218.2°C White powder Soluble in chloroform	25 mg 50 mg
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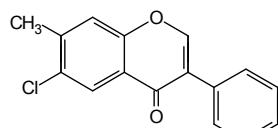
<b>19-810</b>	<b>4'-Chloro-7-hydroxy-8-methylisoflavone, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>3</sub> MW 286.72 mp above 300°C White powder Soluble in DMF	50 mg 100 mg
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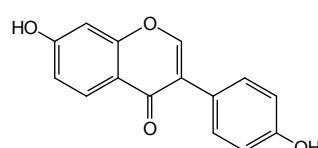
<b>19-811</b>	<b>4'-Chloro-7-methoxy-8-methylisoflavone, 98%</b> C <sub>17</sub> H <sub>13</sub> ClO <sub>3</sub> MW 300.74 mp 180-182°C White shining powder Soluble in chloroform	50 mg 100 mg
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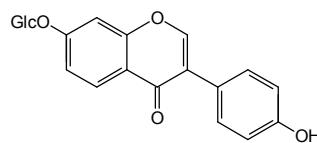
<b>19-266</b>	<b>6-Chloro-7-methylisoflavone, 98%</b> C <sub>16</sub> H <sub>11</sub> ClO <sub>2</sub> MW 270.72 mp 186-188°C Wheat colored powder Soluble in chloroform	50 mg 100 mg
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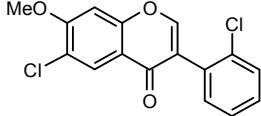


<b>D-101</b>	<b>Daidzein, 98+%</b> (7,4'-Dihydroxyisoflavone) [486-66-8] C <sub>15</sub> H <sub>10</sub> O <sub>4</sub> MW 254.24 mp ~350°C (dec) Fine off white solid Soluble in DMSO <i>Merck Index 12, 2868</i>	100 mg 500 mg
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<b>021096</b>	<b>Daidzin, 98%</b> [552-66-9] C <sub>21</sub> H <sub>20</sub> O <sub>9</sub> MW 416.37 mp 230-238°C Off white powder Soluble in DMSO	5 mg
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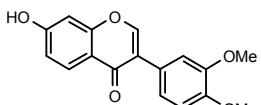


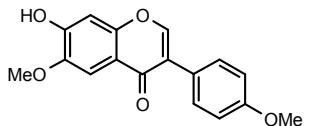
<b>19-761</b>	<b>2',6-Dichloro-7-methoxyisoflavone, 98%</b> C <sub>16</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>3</sub> MW 321.16 mp 218.5-220.5°C White powder Soluble in chloroform		25 mg 50 mg
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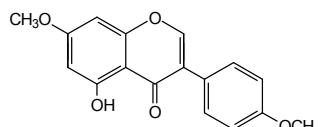
*4',7-Dihydroxyisoflavone: see D-101 Daidzein*

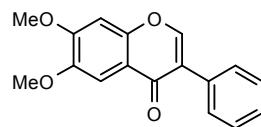
*5,4'-Dihydroxy-7-methoxyisoflavone: see D-118 Prunetin*

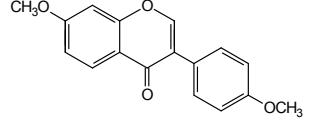
*5,7-Dihydroxy-4'-methoxyisoflavone see B-106 Biochanin A*

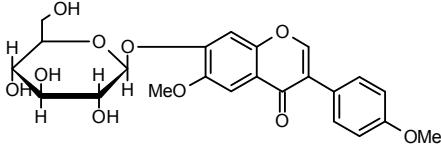
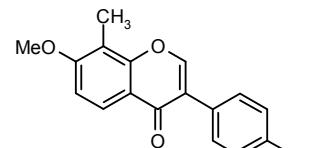
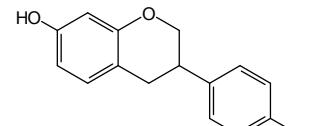
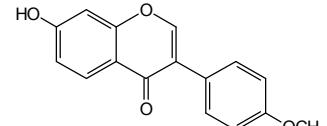
<b>19-612</b>	<b>3',4'-Dimethoxy-7-hydroxyisoflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 260.5-263.5°C White powder Soluble in DMF		25 mg 50 mg
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<b>19-626</b>	<b>6,4'-Dimethoxy-7-hydroxyisoflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 mp 232-234°C White powder Soluble in Chloroform: Methanol (1:1)		10 mg 25 mg
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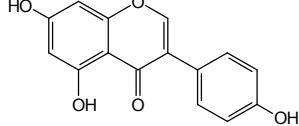
<b>021298</b>	<b>7,4'-Dimethoxy-5-hydroxyisoflavone, 98%</b> [34086-51-6] (Genistein-7,4'-dimethyl ether) C <sub>17</sub> H <sub>14</sub> O <sub>5</sub> MW 298.30 Pale lemon crystals		10 mg
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<b>19-634</b>	<b>6,7-Dimethoxyisoflavone, 98+%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 169.5-171.8°C White powder Soluble in chloroform		10 mg 25 mg
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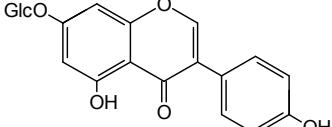
<b>021299</b>	<b>7,4'-Dimethoxyisoflavone, 98%</b> [1157-39-7] C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 161-163°C White shining powder		10 mg
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19-640	<b>4',6-Dimethoxyisoflavone-7-O-<math>\beta</math>-D-glucopyranoside, 98%</b> (Wistin) [19046-26-5] $C_{23}H_{24}O_{10}$ MW 460.44 mp 218.5-222°C White powder Soluble in DMF		10 mg 25 mg
19-763	<b>4',7-Dimethoxy-8-methylisoflavone, 98%</b> $C_{18}H_{16}O_4$ MW 296.33 mp 147.5-149.5°C Off white shining powder Soluble in chloroform		25 mg 50 mg
021268	<b>(<math>\pm</math>)-Equol, 98%</b> (7,4'-Isflavandiol) [531-95-3] $C_{15}H_{14}O_3$ MW 242.28 mp 156-157°C White crystalline solid Soluble in DMSO Merck Index 12, 3677		5 mg
F-103	<b>Formononetin, synthetic , 98%</b> (7-Hydroxy-4'-methoxyisoflavone) [485-72-3] $C_{16}H_{12}O_4$ MW 268.27 mp 257-259°C Cream colored powder Soluble in toluene:ethyl formate: formic acid (5:4:1) Merck Index 12, 4271		25 mg 100 mg
F-103N	<b>Formononetin, natural, 98%</b> (7-Hydroxy-4'-methoxyisoflavone with HPLC)		25 mg
021248S	<b>Formononetin with HPLC, 99+%</b> (7-Hydroxy-4'-methoxyisoflavone with HPLC)		5 mg

*Formononetin-7-O-glucoside: see 021241S Ononin with HPLC*

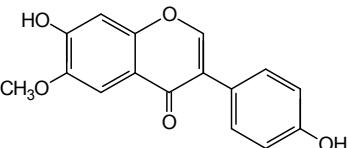
<b>G-103</b>	<b>Genistein, 98%</b> (5,7,4'-Trihydroxyisoflavone) [446-72-0] $C_{15}H_{10}O_5$ MW 270.25 mp ~306-308°C (dec) Pale yellow powder Soluble in DMSO <i>Merck Index 12, 4395</i>		100 mg 500 mg
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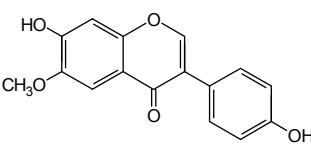
*Genistein-7,4'-dimethyl ether: See 021298*  
*7,4'-Dimethoxy-5-hydroxyisoflavone*

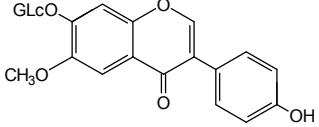
<b>021050</b>	<b>Genistin, +97%</b> (Glucosyl-7-genistein) [529-59-9] $C_{21}H_{20}O_{10}$ MW 432.38      mp 254°C Off white to beige microcrystalline powder Soluble in DMSO <i>Merck Index 12, 4395</i>		5 mg
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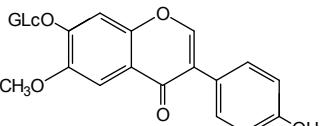
<b>021050</b>	<b>Genistin , &gt;99%</b> (Glucosyl-7-genistein)	5 mg
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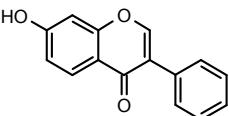
<b>021325S</b>	<b>Genistin with HPLC, 99+%</b> (Glucosyl-7-genistein)	5 mg
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<b>GL-001</b> 	<b>Glycitein, 97%</b> (7,4'-Dihydroxy-6-methoxyisoflavone) [40957-83-3] $C_{16}H_{12}O_5$ MW 284.27 mp >330°C White fluffy powder Soluble in DMSO		5 mg 10 mg
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<b>GL-001N</b> 	<b>Glycitein, 99%</b> (7,4'-Dihydroxy-6-methoxyisoflavone) [40957-83-3] $C_{16}H_{12}O_5$ MW 284.27 mp >330°C White crystalline solid Soluble in DMSO		5 mg 10 mg
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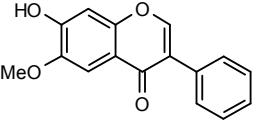
<b>GL-002</b>	<b>Glycitin, 98%</b> (7,4'-Dihydroxy-6-methoxyisoflavone-7-D-glucoside) C <sub>22</sub> H <sub>22</sub> O <sub>10</sub> MW 446.41 mp 216-218°C Pale yellow crystalline powder Soluble in DMSO		10 mg
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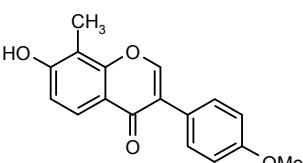
<b>GL-002N</b>	<b>Glycitin, 99+%</b> (7,4'-Dihydroxy-6-methoxyisoflavone-7-D-glucoside) C <sub>22</sub> H <sub>22</sub> O <sub>10</sub> MW 446.41 mp 207-209°C Pale yellow crystalline powder Soluble in DMSO		10 mg
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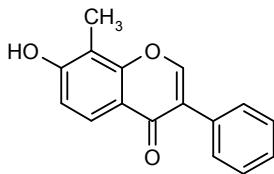
<b>19-593</b>	<b>7-Hydroxyisoflavone, 99%</b> C <sub>15</sub> H <sub>10</sub> O <sub>3</sub> MW 238.25 mp 212.3-215.3°C White shining powder Soluble in Chloroform:Methanol (1:1)		25 mg 50 mg
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*7-Hydroxy-4'-methoxyisoflavone: see F-103 Formononetin*

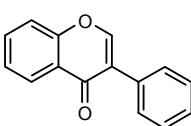
*7-Hydroxy-4'-methoxyisoflavone with HPLC: see 021248S Formononetin with HPLC*

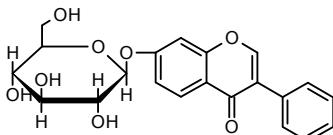
<b>19-635</b>	<b>7-Hydroxy-6-methoxyisoflavone, 98+%</b> C <sub>16</sub> H <sub>12</sub> O <sub>4</sub> MW 268.27 mp 236-239°C White fluffy powder Soluble in chloroform : methanol (1:1)		10 mg 25 mg
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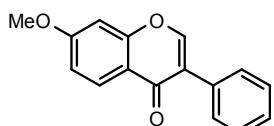
<b>19-767</b>	<b>7-Hydroxy-4'-methoxy-8-methylisoflavone, 98%</b> C <sub>17</sub> H <sub>14</sub> O <sub>4</sub> MW 282.30 mp 274.6-277°C Off white powder Soluble in chloroform : methanol (1:1)		100 mg 250 mg
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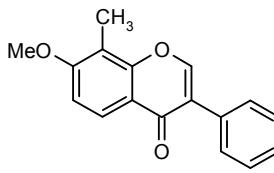
<b>19-782</b>	<b>7-Hydroxy-8-methylisoflavone, 98%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 240-243°C Off white powder Soluble in chloroform: methanol (4:1)		25 mg 50 mg
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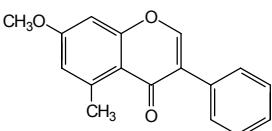
*4',7-Isoflavandiol: see 021268 (±)-Equol*

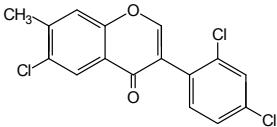
<b>19-637</b>	<b>Isoflavone, 98+%</b> C <sub>15</sub> H <sub>10</sub> O <sub>2</sub> MW 222.25 mp 132.5-133.5°C White fluffy powder Soluble in chloroform		250 mg 500 mg
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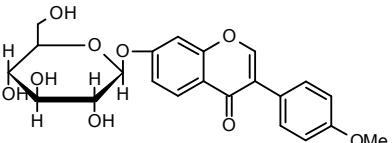
<b>19-641</b>	<b>Isoflavone-7-O-β-D-glucopyranoside, 98+%</b> C <sub>21</sub> H <sub>20</sub> O <sub>8</sub> MW 400.39 mp 236-238°C White powder Soluble in DMF		10 mg 25 mg
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<b>19-596</b>	<b>7-Methoxyisoflavone, 99%</b> C <sub>16</sub> H <sub>12</sub> O <sub>3</sub> MW 252.27 mp 156.6-158.8°C Off white shining powder Soluble in chloroform		10 mg 25 mg
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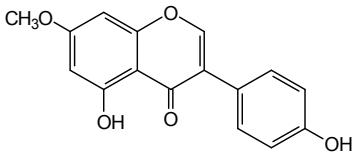
<b>19-783</b>	<b>7-Methoxy-8-methylisoflavone, 98%</b> [13494-10-5] C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> MW 266.30 mp 135-136.7°C White powder Soluble in chloroform		25 mg 50 mg
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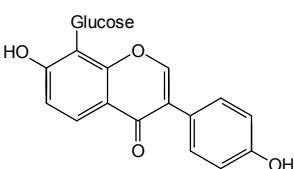
<b>CP-001</b>	<b>5-Methyl-7-methoxyisoflavone, 99%</b> [82517-12-2] C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> MW 266.30 mp 117-121°C White crystal powder		10 mg
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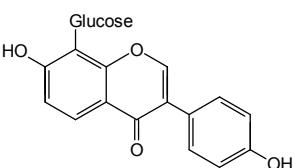
<b>19-312</b>	<b>7-Methyl-6,2',4'-trichloroisoflavone, 98%</b> C <sub>16</sub> H <sub>9</sub> Cl <sub>3</sub> O <sub>2</sub> MW 339.61 mp 223.3-224.5°C Light yellow crystalline powder Soluble in chloroform		100 mg 250 mg
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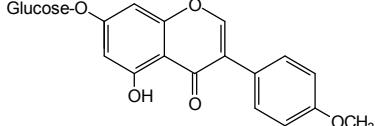
<b>19-642</b>	<b>Ononin, 98+%</b> 4'-Methoxyisoflavone-7-O-β-D-glucopyranoside (Formononetin-7-O-β-D-glucopyranoside) [486-62-4] C <sub>22</sub> H <sub>22</sub> O <sub>9</sub> MW 430.40 mp 216.3-218.8°C Pale yellow powder Soluble in DMF		10 mg 25 mg
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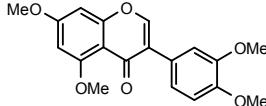
<b>021241S</b>	<b>Ononin with HPLC, 99+%</b>	5 mg
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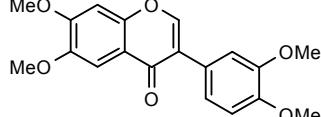
<b>D-118</b>	<b>Prunetin, 98%</b> (5,4'-Dihydroxy-7-methoxyisoflavone) [552-59-0] C <sub>16</sub> H <sub>12</sub> O <sub>6</sub> MW 284.27 mp 240-242°C Off white powder Soluble in DMF <i>Merck Index 12, 8094</i>		10 mg
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<b>06-001</b>	<b>Puerarin, 98%</b> (Daidzein-8-C-glucoside; 7,4'-Dihydroxy-8-C-glucosylisoflavone) [3681-99-0] C <sub>21</sub> H <sub>20</sub> O <sub>9</sub> MW 416.38 White powder		100 mg 250 mg
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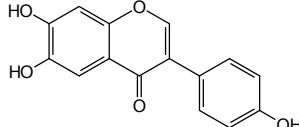
<b>021233S</b>	<b>Puerarin with HPLC, 99+%</b> (Daidzein-8-C-glucoside; 7,4'-Dihydroxy-8-C-glucosylisoflavone) [3681-99-0] C <sub>21</sub> H <sub>20</sub> O <sub>9</sub> MW 416.38 mp ~190°C (dec) White cream powder Soluble in ethyl acetate: formic acid: water (5:1:1)		10 mg
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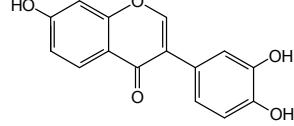
<b>021244S</b>	<b>Sissotrin with HPLC, 99+%</b> [5928-26-7] (Biochanin A-7-glucoside) $C_{22}H_{22}O_{10}$ MW 446.40 mp 218-220°C	Glucose-O- 	5 mg
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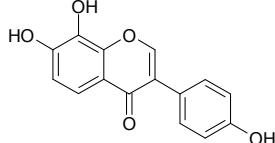
<b>19-616</b>	<b>5,7,3',4'-Tetramethoxyisoflavone, 98%</b>  $C_{19}H_{18}O_6$ MW 342.35 mp 165.8-167.7°C Off white powder Soluble in chloroform		25 mg 50 mg
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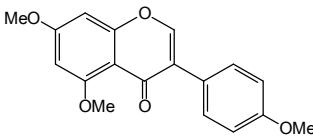
<b>19-638</b>	<b>6,7,3',4'-Tetramethoxyisoflavone, 98+%</b>  $C_{19}H_{18}O_6$ MW 342.35 mp 187.7-190°C White powder Soluble in chloroform		10 mg 25 mg
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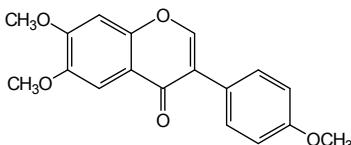
*5,7,4'-Trihydroxyisoflavone: see G-103 Genistein*

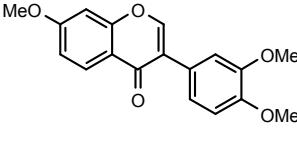
<b>T-116</b>	<b>6,7,4'-Trihydroxyisoflavone, 98%</b> [17817-31-1] $C_{15}H_{10}O_5$ MW 270.24 mp ~330°C (dec) Off white powder Soluble in DMF		10 mg
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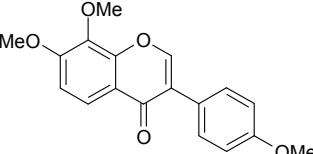
<b>T-415</b>	<b>7,3',4'-Trihydroxyisoflavone, 98%</b> [485-63-2] $C_{15}H_{10}O_5$ MW 270.24 mp 278-281°C Gray powder		10 mg
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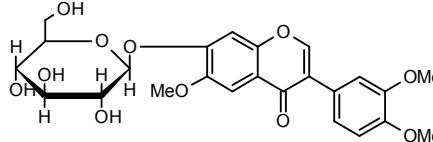
<b>19-872</b>	<b>7,8,4'-Trihydroxyisoflavone, 98+%</b> (7,8-Dihydroxy-3-(4-hydroxyphenyl)chromen-4-one) [75187-63-2] $C_{15}H_{10}O_5$ MW 270.24 mp 280-290°C (dec) Colorless to pale yellow crystals Soluble in DMSO		10 mg
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<b>19-599</b>	<b>5,7,4'-Trimethoxyisoflavone, 99%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 162.6-164.6°C Off white shining powder Soluble in chloroform		10 mg 25 mg
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<b>T-124</b>	<b>6,7,4'-Trimethoxyisoflavone, 98%</b> [798-61-8] C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 313.33 mp 180.3-182.3°C White shining powder Soluble in chloroform		10 mg 25 mg
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<b>19-617</b>	<b>7,3',4'-Trimethoxyisoflavone, 98+%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 160.5-162.5°C White shining powder Soluble in chloroform		25 mg 50 mg
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<b>19-883</b>	<b>7,8,4'-Trimethoxyisoflavone, 98%</b> C <sub>18</sub> H <sub>16</sub> O <sub>5</sub> MW 312.33 mp 152-154°C Off white powder Soluble in Chloroform		10 mg
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<b>19-643</b>	<b>3',4',6-Trimethoxyisoflavone-7-O-β-D-glucopyranoside, 98%</b> [Cladrastin-7-O-β-D-glucopyranoside] [59183-50-5] C <sub>24</sub> H <sub>26</sub> O <sub>11</sub> MW 490.47 mp 231.5-233.3°C White powder Soluble in DMF		10 mg 25 mg
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