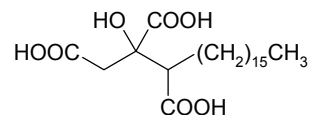


06-046

**Agaric acid sesquihydrate**

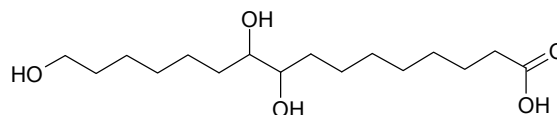
( $\alpha$ -Hexadecylcitric acid), DAC  
antifungal effect, for deodorants, skin lightening effect,  
Increases elasticity of hair and nails.  
[666-99-9]  
 $C_{22}H_{40}O_7$   
MW 416.56



06-037

**Aleuritic acid**

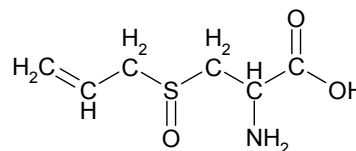
(9,10,16-trihydroxypalmitic acid)  
strengthens the skin lipid barrier,  
maintains the skin's natural moisture  
[533-87-9]  
 $C_{16}H_{32}O_5$   
MW 304.43



027253S

**Alliin with HPLC, 99%**

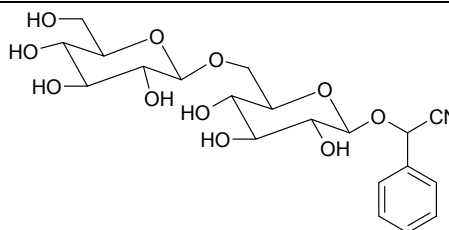
((S)-3-Allylsulfinyl-L-alanine)  
[556-27-4]  
 $C_6H_{11}NO_3S$   
MW 177.24 mp 152-153°C  
White powder  
Soluble in n-butanol/n-propanol/acetic  
acid/water 3:1:1:1 by volume  
Hygroscopic



027201

**D-Amygdalin**

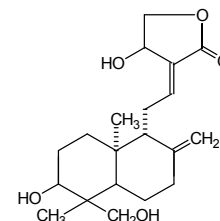
(Mandelonitril- $\beta$ -gentiobioside)  
[29883-15-6]  
 $C_{20}H_{27}NO_{11}$   
MW 457.44  
Purity: min 95% (HPLC)



A-003

**Andrographolide** [5508-58-7]

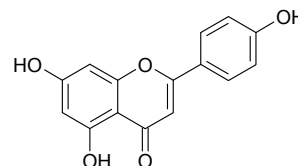
$C_{20}H_{30}O_5$   
MW 350.46  
mp 230-234°C  
Terepenoid Lactone from Andrographis  
Paniculata leaves  
Purity: 98%



A-002

**Apigenin, 99%**

bioflavonoid, acts against oxidative skin stress, anti-inflammatory  
(4', 5,7-Trihydroxyflavone)  
[520-36-5]  
 $C_{15}H_{10}O_5$   
MW 270.25 mp 345-350°C  
Yellow crystals  
Soluble in methanol



**021004S Apigenin-7-O-glucoside with HPLC**

(Apigenin, Cosmiin, Cosmetin)

[578-74-5]

C<sub>21</sub>H<sub>20</sub>O<sub>10</sub>

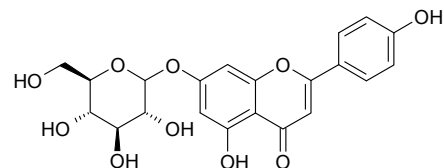
MW 432.38

Soluble in water

Hygroscopic

Mp 227-228°C

Purity: 98%



**021003**

**Apiin**

(Apigenin-7-apioglucoside)

[26544-34-3]

C<sub>26</sub>H<sub>28</sub>O<sub>14</sub>

MW 564.48

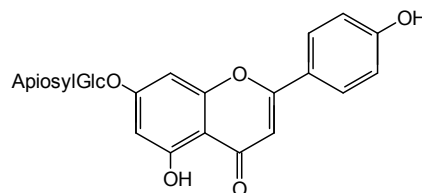
Yellow powder

Soluble in Ethyl acetate:formic

acid:acetic acid

Purity: 90-95%

mp 230-232°C



**025390S**

**Apiole with GC**

(4,7-Dimethoxy-5-(2-propenyl)-1,3-benzodioxole; Parsley apiole)

[523-80-8]

C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>

MW 222.24

bp 294°C

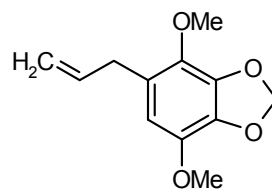
Low melting solid

Soluble in toluene

p-anisaldehyde/acetic acid/sulfuric acid 1:40:1 by volume,  
then heat 10 min at 110°C

Store at +2-8°C

mp 29°C



**04-289**

**Arabic acid**

[32609-14-6]

**024044**

**D-(-)-Arabinose**

(D-Ara)

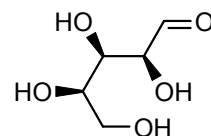
rare sugar, flavouring agent

[10323-20-3]

C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

MW 150.14

Purity: min 99%



**024045**

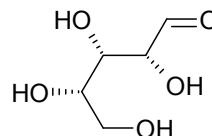
**L-(+)-Arabinose**

[5328-37-0]

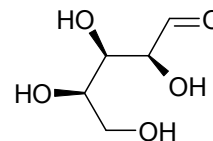
C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

MW 150.14

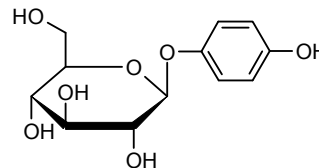
Purity: min 99% (HPLC)



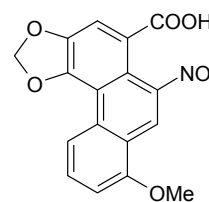
**024046 DL-Arabinose**  
(DL-Ara)  
[20235-19-2]  
C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>  
MW 150.14  
Purity: min 99% (HPLC)



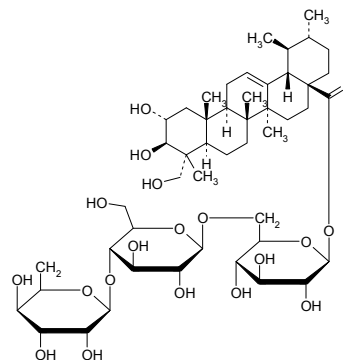
**020414 Arbutin**  
(4-Hydroxyphenyl-β-D-glucopyranoside)  
for skin whitening cosmetics,  
reduction of age spots, soothing agent  
[497-76-7]  
C<sub>12</sub>H<sub>16</sub>O<sub>7</sub>  
MW 272.26                      Mp 179-203°C  
White powder  
Soluble in water & alcohol  
Purity: min 98% (HPLC)



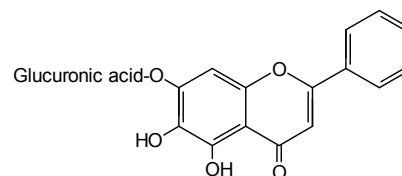
**020707 Aristolochic acid**  
[313-67-7]  
C<sub>17</sub>H<sub>11</sub>NO<sub>7</sub>  
MW 341.29  
280-286°C



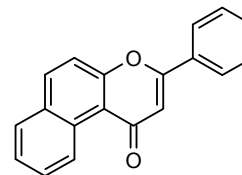
**06-011 Asiaticoside, 90%**  
((2α-3β-4α)-2,3,23-Trihydroxyurs-12-en-28-oic acid  
O-6-deoxy-α-L-mannopyranosyl-(1->4)-O-β-D-  
glucopyranosyl-(1->6)-O-β-D-glucopyranosyl ester)  
[16830-15-2]  
C<sub>48</sub>-H<sub>78</sub>O<sub>19</sub>  
MW 959.14  
Mp 237.8-238°C  
Soluble in alcohol, pyridine  
White powder



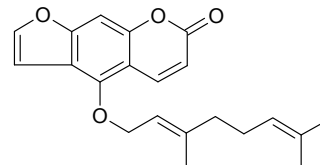
**06-012 Baicalin, 95%**  
(Scutellaria Baicalensis; Baicalein 7-D-glucuronide;  
β-D-Gluopyranosiduronic acid-5,6-dihydroxy-4-oxo-  
2-phenyl-4H-1-benzopyran-7-yl)  
[21967-41-9]  
C<sub>21</sub>H<sub>18</sub>O<sub>11</sub>  
MW 446.36  
Mp 202°C  
Yellow powder



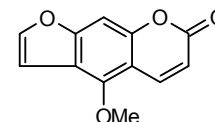
**B-002**      **5,6-Benzoflavone**  
( $\beta$ -Naphthoflavone)  
[6051-87-2]  
C<sub>19</sub>H<sub>12</sub>O<sub>2</sub>                      mp 164-165°C  
MW 272.30  
White crystals  
Soluble in Acetone  
Purity: 98%



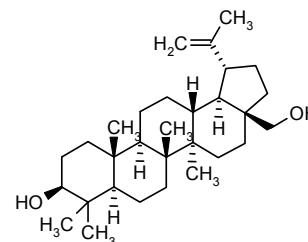
**020550S**      **Bergamotin with HPLC**  
(4-Geranyloxypsoralen; 5-Geranyloxypsoralen)  
[7380-40-7]  
C<sub>21</sub>H<sub>22</sub>O<sub>4</sub>  
MW 338.40  
mp 59-61°C  
White needles  
Store at +2-8°C



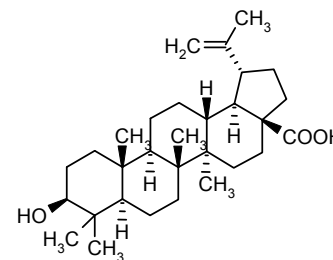
**020552S**      **Bergapten with HPLC**  
(5-Methoxypsoralen)  
[484-20-8]  
C<sub>12</sub>H<sub>8</sub>O<sub>4</sub>  
MW 216.19  
mp 188-191°C  
White powder  
Soluble in methylene chloride  
Store at +2-8°C



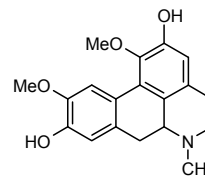
**06-038**      **Betulin**  
(Betulinol) – prevention action against  
skin cancer, prevents inflammation  
[473-98-3]  
C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>  
MW 442.73  
Purity: min 90% (GC)



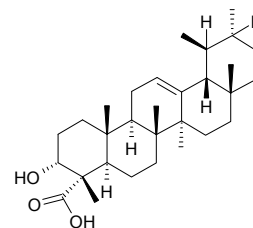
**020004**      **Betulinic acid**  
(3 $\beta$ -Hydroxy-20(29)-lupene-28-oic acid; Gratiolon)  
– prevention action against skin cancer, prevents inflammation  
[472-15-1]  
C<sub>30</sub>H<sub>48</sub>O<sub>3</sub>  
MW 456.71  
Mp >300°C (dec)  
White powder  
Purity: >90% (GC)



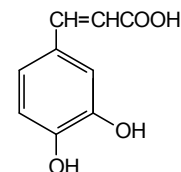
**021555 Boldine**  
(5,6,6a,7-Tetrahydro-1,10-dimethoxy-6-methyl-4H-dibenzo[de,g]quinoline-2,9-diol)  
[476-70-0]  
C<sub>19</sub>H<sub>21</sub>NO<sub>4</sub>  
MW 327.39  
Assay: min 98% (titr.)



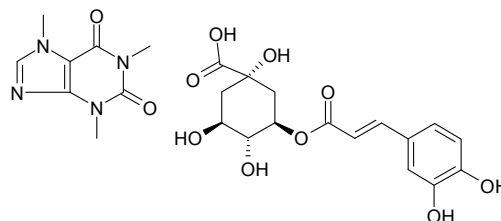
**020036 β-Boswellic acid**  
prevents inflammation, anti-allergic  
[631-69-6]  
C<sub>30</sub>H<sub>48</sub>O<sub>3</sub>  
MW 456.71



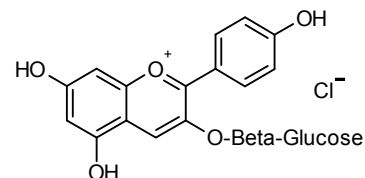
**C-001 N Caffeic acid** [331-39-5]  
(3,4-Dihydroxycinnamic acid)  
C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>  
MW 180.16  
mp 209-210°C  
Merck Index 12,1673  
RTECS# GD8950000  
From coffee seeds



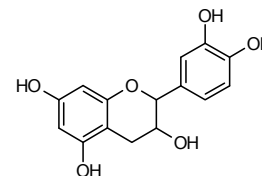
**06-040 Caffeine chlorogenic acid complex**  
(Potassium salt) – contributes to light protection in the sun tan cosmetics, anti-oxidant, smoothes the skin  
[7509-32-2]  
C<sub>24</sub>H<sub>27</sub>N<sub>4</sub>O<sub>11</sub>K  
MW 586.60



**020907S Callistephin chloride with HPLC**  
(Pelargonidin-3-glucoside chloride)  
[18466-51-8]  
C<sub>21</sub>H<sub>21</sub>O<sub>10</sub>Cl  
MW 468.84  
Purity: 94.86%  
Store at -20°C in a dry place

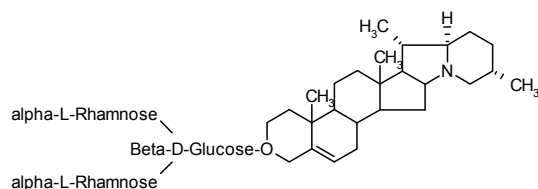


**020980S Catechin kit, 10 mg each with HPLC**  
((+)-catechin, (-)-epicatechin, (-)-epigallocatechin, (-)-epicatechin gallate, (-)-epigallocatechin gallate)  
C<sub>15</sub>H<sub>14</sub>O<sub>6</sub>  
MW 290.28  
Store at +2-8°C



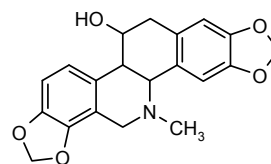
**021553S       $\alpha$ -Chaconine with TLC**

[20562-03-2]  
C<sub>45</sub>H<sub>73</sub>NO<sub>14</sub>  
MW 852.08  
mp 240-253°C



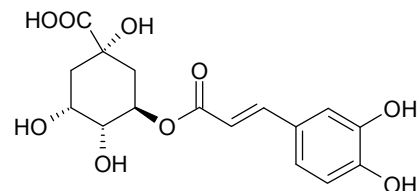
**020603      (+)-Chelidonium**

(Stylophorine)  
[476-32-4]  
C<sub>20</sub>H<sub>19</sub>NO<sub>5</sub>  
MW 353.38  
assay: >99% (titr.)



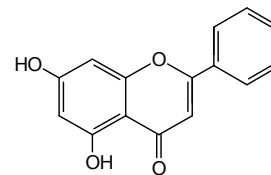
**C-002      Chlorogenic acid, 98%**

(1S-(1.alpha.,3.beta.,4.alpha.,5.alpha.))-3-[[3-(3,4-Dihydroxyphenyl)-1-oxo-2-propenyl]oxy]-1,4,5-trihydroxycyclohexanecarboxylic acid, Caffeoylquinic acid)  
[327-97-9]  
C<sub>16</sub>H<sub>18</sub>O<sub>9</sub>  
MW 354.31      mp 208-209°C  
White crystals  
Soluble in water



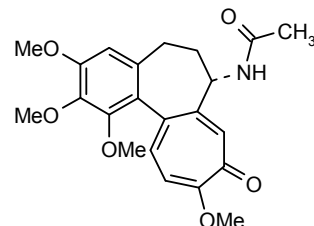
**C-005      5,7-Dihydroxyflavone, 98%**

(Chrysin)  
[480-40-0]  
C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>  
MW 254.24      mp 288°C  
Yellow-tan powder  
Soluble in 50 mg/ml pyridine  
Merck Index 12, 2316



**021532      Colchicine 99%**

((S)-N-(5,6,7,9-Tetrahydro-1,2,3,10-tetramethoxy-9-oxobenzo[a]heptalen-7-yl)acetamide)  
[64-86-8]  
C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub>  
MW 399.45  
Purity 99%



C-004

**Curcumine**

(1,7-bis(4-hydroxy-3-methoxyphenyl)-  
1,6-heptadiene-3,5-dione)

[458-37-7]

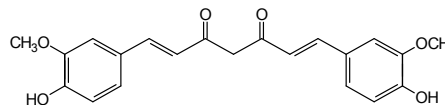
C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>

MW 368.39 mp 181-185°C

Merck Index 12,2744

RTECS# MI5230000

From curcuma longa tubers



020909S

**Cyanidin chloride with HPLC**

(3,3',4',5,7-Pentahydroxyflavylium chloride)

[528-58-5]

C<sub>15</sub>H<sub>11</sub>O<sub>6</sub>Cl

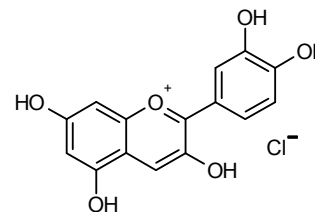
MW 322.71

Violet powder

Soluble in acetic acid/water/HCl

10:3.31 by volume

Hygroscopic



D-101

**Daidzein 99%**

(7-Hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one;  
4',7-dihydroxy isoflavone)

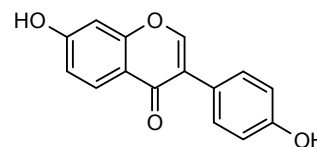
[486-66-8]

C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>

MW 254.24 mp 330-331°C

White to off white powder

Soluble in DMSO



020904S

**Delphinidin chloride with HPLC**

(;3,3',4',5,5',7-Hexahydroxy flavylium chloride;  
Anthocyanin)

[528-53-0]

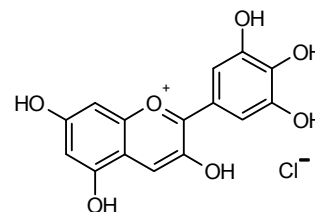
C<sub>15</sub>H<sub>11</sub>O<sub>7</sub>Cl

MW 338.71

Black red powder

Hygroscopic

Purity 99%



021166S

**Didymin with HPLC**

(Neoponcirin, isosakuranetin-7-O-rutinoside)

[14259-47-3]

C<sub>28</sub>H<sub>34</sub>O<sub>14</sub>

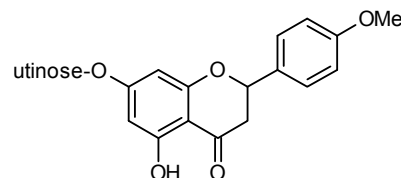
MW 594.57

mp 199-203°C

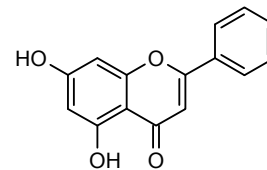
Powder

Soluble in methanol/water

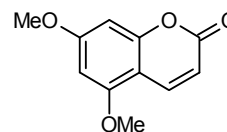
Purity: 99+%



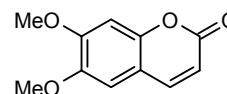
**C-005**      **5,7-Dihydroxyflavone, 98%**  
(5,7-Dihydroxy-2-phenyl-4H-1-benzopyran-4-one; Chrysin)  
[480-40-0]  
C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>  
MW 254.25  
Mp 284-286°C  
Yellow tan powder  
Soluble in 50 mg/ml pyridine



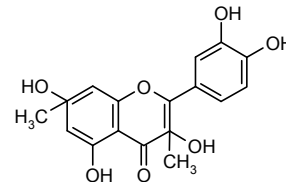
**020581S**      **5,7-Dimethoxycoumarin with HPLC, 97%**  
(Citropten with HPLC, limettin)  
[487-06-9]  
C<sub>11</sub>H<sub>10</sub>O<sub>4</sub>  
MW 206.20      mp 146-149°C  
White Powder  
Store at +2-8°C



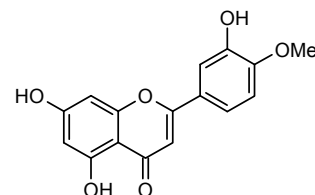
**020551**      **6,7-Dimethylesculetin, >97%**  
(6,7-Dimethoxycoumarin; Scoparone)  
[120-08-1]  
C<sub>11</sub>H<sub>10</sub>O<sub>4</sub>  
MW 206.20      mp 144-145.5°C  
Cream colored powder  
Soluble in chloroform



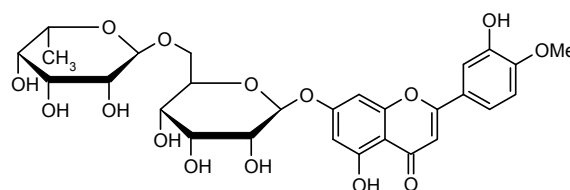
**06-064**      **3,7-Dimethylquercetin**  
[2068-02-2]  
C<sub>17</sub>H<sub>16</sub>O<sub>7</sub>  
MW 332.21



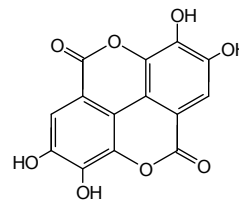
**021108S**      **Diosmetin with HPLC, 98+%**  
(5,7,3'-Trihydroxy-4'-methoxyflavone)  
bioflavonoid, acts against oxidative skin stress  
[520-34-3]  
C<sub>16</sub>H<sub>12</sub>O<sub>6</sub>  
MW 300.27      mp 256-258°C  
Yellow powder



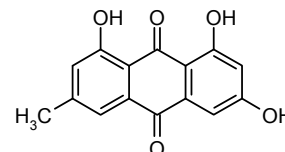
**020081**      **Diosmin**  
(Diosmetin-7-O-rutinoside; Barosmin)  
bioflavonoid, acts against oxidative skin stress.  
[520-27-4]  
C<sub>28</sub>H<sub>32</sub>O<sub>15</sub>  
MW 608.55      mp 277-278°C  
Cream colored powder



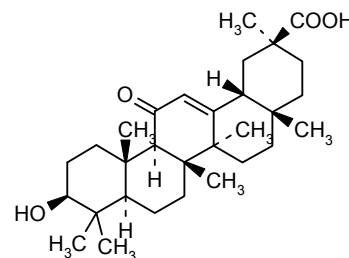
**E-001**      **Ellagic acid** [476-66-4]  
(4,4',5,5',6,6'-Hexahydroxydiphenic acid dilactone: Benzoic acid)  
C<sub>14</sub>H<sub>6</sub>O<sub>8</sub>  
MW 302.20      mp >360°C  
Merck Index 12,3588  
RTECS# DJ2620000  
From Myrob nuts



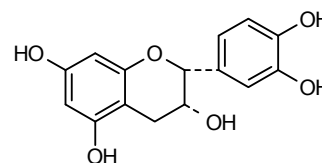
**020401**      **Emodin, 96%**  
(6-Methyl-1,3,8-trihydroxyanthraquinone)  
colorant, dye inhibition of lipid peroxidation  
[518-82-1]  
C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>  
MW 270.24      mp 252-257°C  
Orange powder



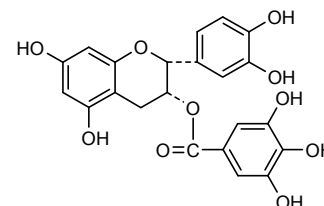
**06-015**      **18-β-Glycyrrhetic acid, 98%**  
(Enoxolone: Glycyrrhetic acid:  
(3.β.,20 β)-3-Hydroxy-11-oxoolean-12-en-29-  
oic acid; 3.β.-hydroxy-11-oxoolean-12-en-30-oic acid;)  
[471-53-4]  
C<sub>30</sub>H<sub>46</sub>O<sub>4</sub>  
MW 470.69      mp 279-280°C  
White powder  
Soluble in Hot water; alcohol



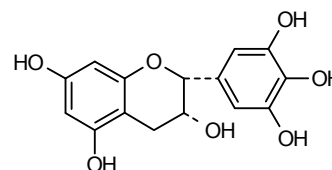
**020977S**      **(-) Epicatechin with HPLC, >98%**  
(-)-3,5,7,3',4'-Pentahydroxyflavan  
[490-46-0]  
C<sub>15</sub>H<sub>14</sub>O<sub>6</sub>  
MW 290.28      mp 250°C  
Cream Powder  
Store @ +2-8°C



**020978S**      **(-) Epicatechin gallate with HPLC**  
[1257-08-5]  
C<sub>22</sub>H<sub>18</sub>O<sub>10</sub>  
MW 442.36      mp 257-258°C  
Cream-colored powder  
Soluble in toluene/ethyl  
formate/formic acid (5:4:1 by volume)

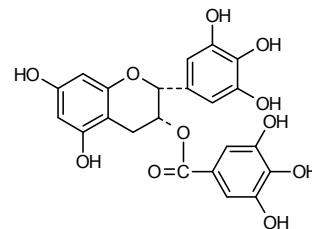


**020979S**      **(-) Epigallocatechin with HPLC**  
(-)-3,5,7,3',4',5'-Hexahydroxyflavan  
[970-74-1]  
C<sub>15</sub>H<sub>14</sub>O<sub>7</sub>  
MW 306.28      mp 219-221°C dec  
Cream powder  
Soluble in toluene/ethyl formate/formic  
acid (5:4:1 by volume)      Store @ +2-8°C



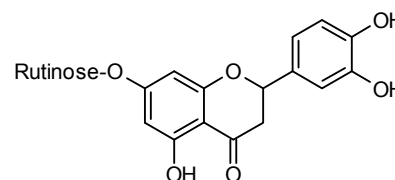
**020981S Epigallocatechin gallate with HPLC**

[989-51-5]  
C<sub>22</sub>H<sub>18</sub>O<sub>11</sub>  
MW 458.37  
mp 220-229°C dec.  
Cream-colored powder  
Soluble in ethyl acetate/chloroform/formic acid (7:2:1 by volume)  
Store @ +2-8°C



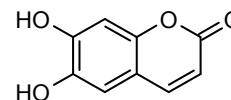
**021110S Eriocitrin with HPLC, 98%**

(Eriodictyol-7-O-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 (10:2.5:1 by volume)  
Hygroscopic



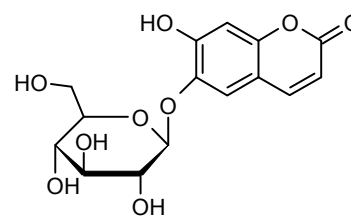
**D-108 Esculetin, 98%**

(6,7-Dihydroxycoumarin, Cichorigenin)  
[305-01-1]  
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  
Store @ +2-8°C



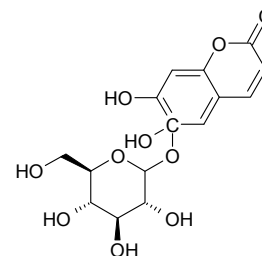
**06-014 Esculin, 98%**

(6,7-Dihydroxycoumarin-6-O-glucoside, Esculetin-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

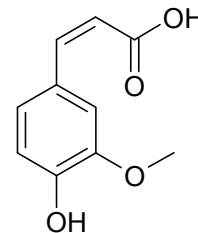


**06-042 Esculin sesquihydrate**

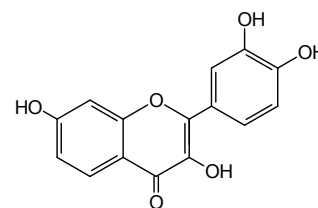
(6,7-Dihydroxycoumarin-6-glucopyranoside) DAB  
colorant for bath salts, UV-filter for sun creams,  
Vitamin P activity  
[66778-17-4]  
C<sub>15</sub>H<sub>16</sub>O<sub>9</sub> · 1,5 H<sub>2</sub>O  
MW 367.31  
assay: 98%  
(photometr.)



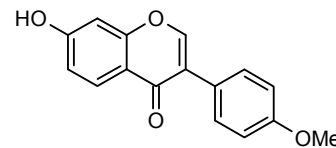
**F-001**      **Ferulic acid**  
(4-Hydroxy-3-methoxycinnamic acid) (mainly trans)  
[1135-24-6]  
C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>  
MW 194.19                      mp 173-174°C  
Merck Index 11,4011  
RTECS# GD9275000  
Slightly creamy-white to pale creamy-yellow powder  
Assay: not less than 99.0% (by titration for COOH )  
Content of cis isomer: less than 1%



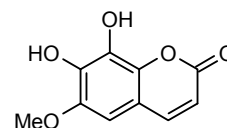
**F-002**      **Fisetin**  
(3,7,3',4'-Tetrahydroxyflavone)  
[528-48-3]  
C<sub>15</sub>H<sub>10</sub>O<sub>6</sub>  
MW 286.25                      mp >330°C (d)  
Yellow powder  
Soluble in DMF  
Merck Index 12, 4129



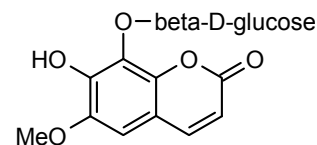
**F-103**      **Formononetin, 98%**  
(7-Hydroxy-4'-methoxyisoflavone)  
[485-72-3]  
C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>  
MW 268.27                      mp 257-259°C  
White fluffy powder  
Soluble in DMF



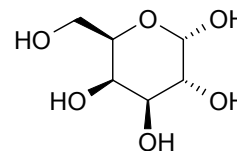
**020532**      **Fraxetin, 98%**  
(7,8-Dihydroxy-6-methoxycoumarin)  
[574-84-5]  
C<sub>10</sub>H<sub>8</sub>O<sub>5</sub>  
MW 208.17                      mp ~228°C



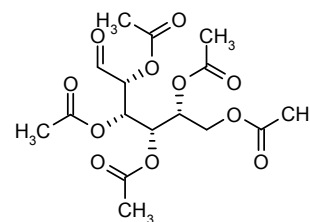
**020588S**      **Fraxin with HPLC**  
(Fraxetin-8-O-glucoside)  
[524-30-1]  
C<sub>16</sub>H<sub>18</sub>O<sub>10</sub>  
MW 370.31  
mp ~205°C  
Hygroscopic



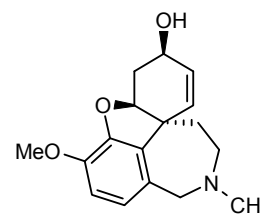
**024117**      **D-Galactose**  
(Cerebose)  
rare sugar, flavouring agent  
[59-23-4]  
C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
MW 180.17  
Purity: min 99% (HPLC)



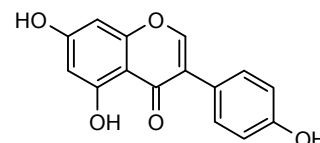
**06-043**       **$\beta$ -D-Galactose pentaacetate**  
(1,2,3,4,6-Penta-O-acetyl- $\beta$ -D-galactopyranose)  
[4163-60-4]  
C<sub>16</sub>H<sub>22</sub>O<sub>11</sub>  
MW 390.35  
TLC Pure



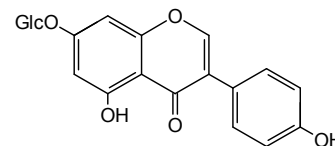
**06-044**      **Galanthamine**  
(4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol)  
[357-70-0]  
C<sub>17</sub>H<sub>21</sub>NO<sub>3</sub>  
MW 287.36      mp 126-127°C  
Soluble in hot  
water; freely sol in alcohol and chloroform



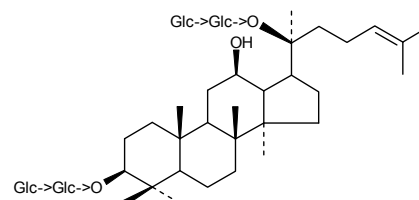
**G-103**      **Genistein, 98%**  
(5,7,4'-Trihydroxyisoflavone)  
[446-72-0]  
C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>  
MW 270.25      mp ~306-308°C  
Pale yellow powder  
Soluble in DMSO



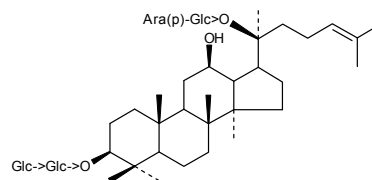
**021050**      **Genistin, 99%**  
(Glucosyl-7-genistein; 7-O-b-D-glucopyranosyl genistein;  
5,7-Dihydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one)  
[529-59-9]  
C<sub>21</sub>H<sub>20</sub>O<sub>10</sub>  
MW 432.38      mp 256-257°C  
Off white to beige microcrystalline powder  
Soluble DMSO



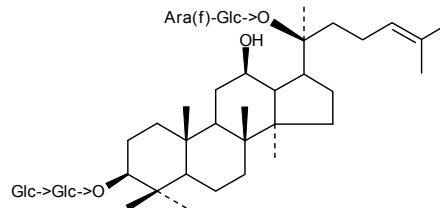
**020105S**      **Ginsenoside Rb1 with HPLC, >99%**  
(Saponin of panax ginseng)  
[41753-43-9]  
C<sub>54</sub>H<sub>92</sub>O<sub>23</sub>  
MW 1109.30  
White powder  
Soluble in chloroform/methanol/water  
(30:15:2 by volume)      Hygroscopic



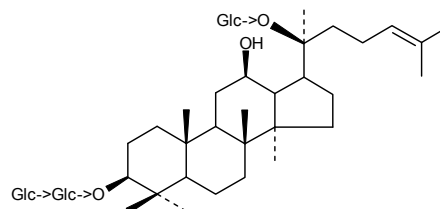
**020104S Ginsenoside Rb2 with HPLC, 98%**  
(Saponin of panax ginseng)  
[11021-13-9]  
C<sub>53</sub>H<sub>90</sub>O<sub>22</sub>  
MW 1079.29  
White powder  
Soluble in chloroform/methanol/  
Water (30:15:2 by volume) Hygroscopic



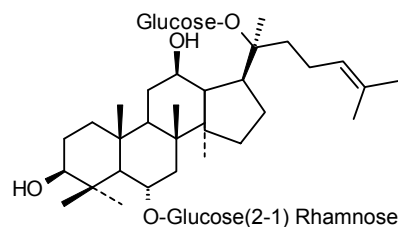
**020106S Ginsenoside Rc with HPLC, >98%**  
(Saponin of panax ginseng)  
[11021-14-0]  
C<sub>53</sub>H<sub>90</sub>O<sub>22</sub>  
MW 1079.29  
White powder  
Soluble in chloroform/methanol/  
water (30:15:2 by volume)  
Hygroscopic



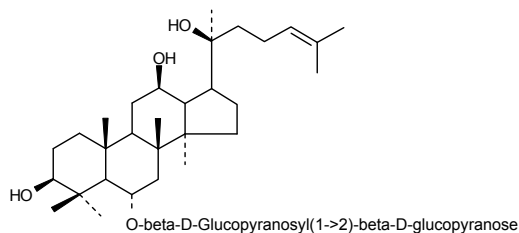
**020102S Ginsenoside Rd with HPLC, >99%**  
(Saponin of panax ginseng)  
[52705-93-8]  
C<sub>48</sub>H<sub>82</sub>O<sub>18</sub>  
MW 947.17  
White powder  
Soluble in chloroform/methanol/  
water (30:15:2 by volume)  
Hygroscopic



**020103S Ginsenoside Re with HPLC, >99%**  
(Saponin of panax ginseng)  
[52286-59-6]  
C<sub>48</sub>H<sub>82</sub>O<sub>18</sub>  
MW 947.17  
White powder  
Soluble in chloroform/methanol/  
water (30:15:2 by volume)  
Hygroscopic

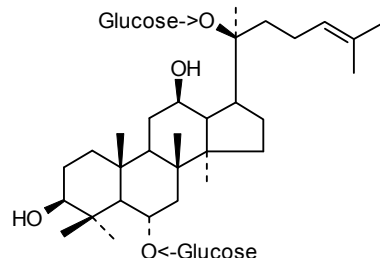


**020107S Ginsenoside Rf with HPLC, >98%**  
(Saponin of panax ginseng)  
[52286-58-5]  
C<sub>42</sub>H<sub>72</sub>O<sub>14</sub>  
MW 801.02  
White powder  
Soluble in ethyl  
acetate/methanol/  
water (10:2.5:1 by volume)  
Hygroscopic



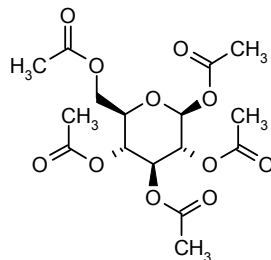
**020101S Ginsenoside Rg1 with HPLC, >99%**

(Saponin of panax ginseng)  
[22427-39-0]  
C<sub>42</sub>H<sub>72</sub>O<sub>14</sub>  
MW 801.02  
White powder  
Soluble in chloroform/methanol/  
water (30:15:2 by volume)  
Hygroscopic



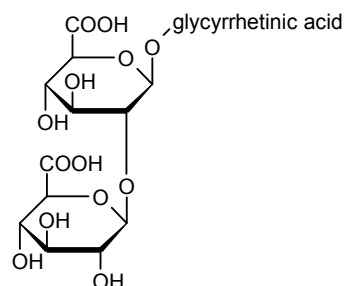
**06-045**

**β-D-(+)-Glucose pentaacetate**  
(1,2,3,4,6-Penta-O-acetyl-α-D-glucopyranose)  
intermediate for synthesis of arbutin  
and other glucosides.  
[604-69-3]  
C<sub>16</sub>H<sub>22</sub>O<sub>11</sub>  
MW 390.35  
TLC, Pure



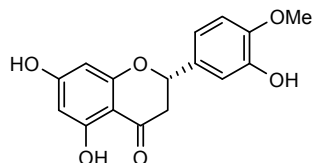
**06-016**

**Glycyrrhizic acid, 95%**  
(Glycyrrhizin; 3β,20β)-20-Carboxy-11-oxo-30-norolean-12-en-3-yl 2-O β -D-glucopyranuronosyl-α-D-glucopyranosiduronic acid)  
[1405-86-3]  
C<sub>42</sub>H<sub>62</sub>O<sub>16</sub>  
MW 822.94  
White powder  
Soluble Hot Water, alcohol



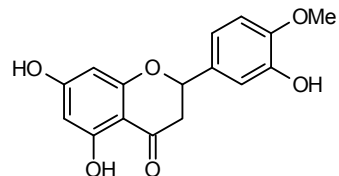
**H-103**

**Hesperetin, 98%**  
(3',5,7-Trihydroxy-4'-methoxyflavanone)  
citrus bioflavonoid, acts against oxidative  
skin stress, aid acne-prone skin, contribute  
to the maintenane of skin's natural moisture  
[520-33-2]  
C<sub>16</sub>H<sub>14</sub>O<sub>6</sub>  
MW 302.29  
mp 229-231°C  
Soluble in toluene:ethyl formiate:  
formic acid (5:4:1)  
Store at +2-8°C

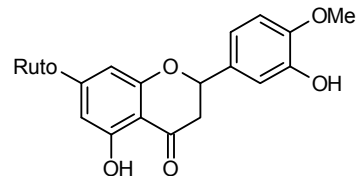


**021115S**

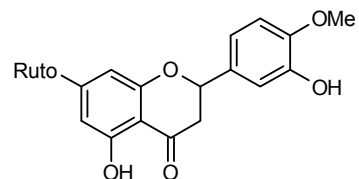
**Hesperetin with HPLC**  
(5,7,3'-Trihydroxy-4'-methoxyflavanone)  
[520-33-2]  
C<sub>16</sub>H<sub>14</sub>O<sub>6</sub>  
MW 302.29  
mp 229-231°C  
Purity: 99+%



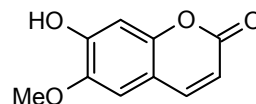
**06-017 Hesperidin >95%**  
(Hesperitin-7-O-rutinoside)  
[520-26-3]  
C<sub>28</sub>H<sub>34</sub>O<sub>15</sub>  
MW 610.57  
mp 240°C  
Almost White powder  
Soluble in Indil alkalies, pyridine



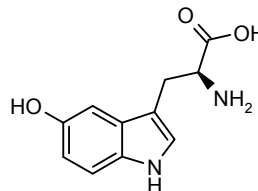
**021116S Hesperidin with HPLC, 99+%**  
(Hesperidin-7-β-rutinoside)  
citrus flavonoid, citrus bioflavonoid  
- acts against oxidative skin stress,  
reduce oily skin  
[520-26-3]  
C<sub>28</sub>H<sub>34</sub>O<sub>15</sub>  
MW 610.57 mp 257-261°C  
Hygroscopic



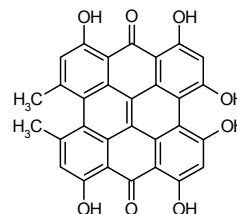
**H-109 7-Hydroxy-6-methoxycoumarin, 98%**  
(Scopoletin)  
[92-61-5]  
C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>  
MW 192.17 mp 205-207°C  
Light yellow powder  
Soluble Chloroform: methanol



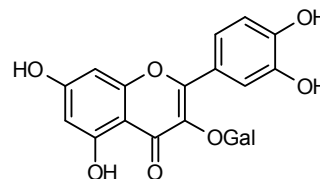
**04-1831 5-Hydroxy-L-tryptophan, 99%**  
((-)-5-Hydroxy-L-tryptophan)  
[4350-09-8]  
C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>  
MW 220.23  
Off White powder



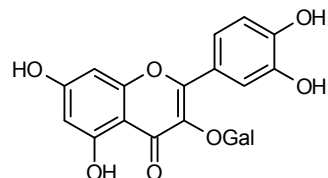
**020468S Hypericin with HPLC, >98%**  
[548-04-9]  
C<sub>30</sub>H<sub>16</sub>O<sub>8</sub>  
MW 504.46  
mp 320°C  
Blue-black crystals  
Hygroscopic



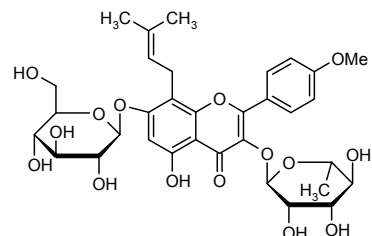
**06-047 Hyperoside**  
(Quercetin-3-galactoside; Hyperin)  
(2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-benzopyran-4-one)  
C<sub>21</sub>H<sub>20</sub>O<sub>12</sub>  
MW 464.38 mp 220°C  
Soluble in glacial acetic acid  
Hygroscopic



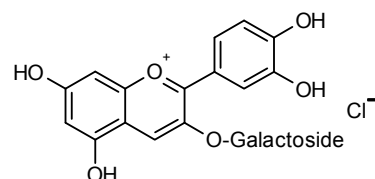
**021027S**      **Hyperoside with HPLC, 99%**  
(Quercetin-3-galactoside; Hyperin)  
[482-36-0]  
C<sub>21</sub>H<sub>20</sub>O<sub>12</sub>  
MW 464.38                      mp 220°C  
Yellow powder  
Soluble in ethyl acetate: formic acid:  
acetic acid: water                      Hygroscopic



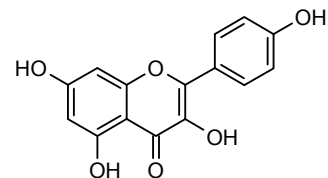
**06-018**      **Icariin 98%**  
(3-[(6-deoxy- $\alpha$ -L-mannopyranosyl)oxy]-7-( $\beta$ -D-glucopyranosyloxy)-5-hydroxy-2-(4-methoxyphenyl)-8-(3-methyl-2-butenyl)-4H-1-benzopyran-4-one,)  
[489-32-7]  
C<sub>33</sub>H<sub>40</sub>O<sub>15</sub>  
MW 676.65  
Mp 235°C  
Yellow powder



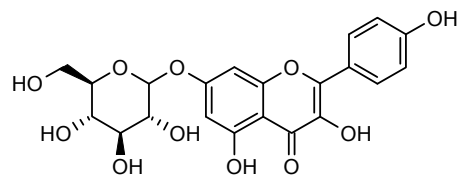
**020923S**      **Ideain chloride with HPLC, >97%**  
(Cyanidin-3-O-galactoside chloride)  
[27661-36-5]  
C<sub>21</sub>H<sub>21</sub>O<sub>11</sub>Cl  
MW 484.84  
Black Red Powder  
Store at -20°C



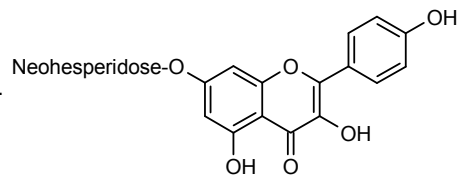
**K-102**      **Kaempferol, 99%**  
(3,4',5,7-Tetrahydroxy-flavone)  
bioflavonoid, antioxidant,  
inhibits skin's lipid peroxidation  
[520-18-3]  
C<sub>15</sub>H<sub>10</sub>O<sub>6</sub>  
MW 286.25                      mp 276-278°C  
Yellow powder



**021338**      **Kaempferol-7-O-glucoside**  
(Populnin)  
[16290-07-6]  
C<sub>21</sub>H<sub>20</sub>O<sub>11</sub>  
MW 448.38  
Purity: min 98% (HPLC)



**021069**      **Kaempferol-7-neohesperidoside**  
(Kaempferol-7-O- $\alpha$ -L-rhamnosido-D-glucoside)  
bioflavonoid, antioxidant, inhibits skin's lipid peroxidation.  
[17353-03-6]  
C<sub>27</sub>H<sub>30</sub>O<sub>15</sub>  
MW 594.53                      mp 255-257°C



**020914S Keracyanin chloride with HPLC, 97%**

(Cyanidin-3-O-rutinoside chloride)

[18719-76-1]

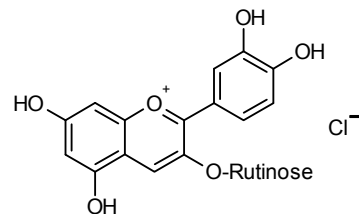
C<sub>27</sub>H<sub>31</sub>O<sub>15</sub>Cl

MW 630.99

Reddish powder

Soluble in Acetic acid/water/HCl-70/23/7

Store at -20°C



**026551**

**Khellin**

(4,9-Dimethoxy-7-methyl-furo(3,2-g)(1)benzopyran-5-one)

[82-02-0]

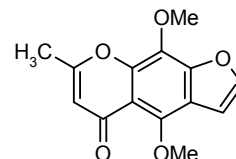
C<sub>14</sub>H<sub>12</sub>O<sub>5</sub>

MW 260.25

mp 154-155°C

Powder

Soluble in alcohol



**06-048**

**Khellol glucoside**

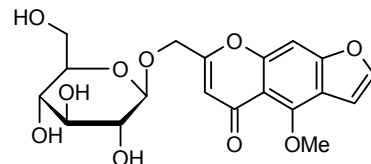
[17226-75-4]

C<sub>19</sub>H<sub>20</sub>O<sub>10</sub>

MW 408.36

mp 179°C

Soluble in acetic acid



**020915S**

**Kuromanin chloride with HPLC, 99%**

(Cyanidin-3-O-glucoside chloride)

[7084-24-4]

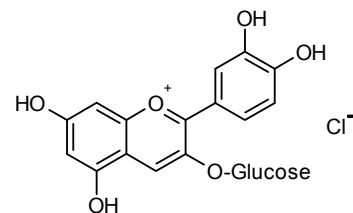
C<sub>21</sub>H<sub>21</sub>O<sub>11</sub>Cl

MW 484.84

Black-red powder

Soluble in acetic acid/water/hydrochloric acid (70:23:7 by volume)

Store at -20°C



**021169S**

**Linarin with HPLC, 99+%**

(Acacetin-7-O-rutinoside)

[480-36-4]

C<sub>28</sub>H<sub>32</sub>O<sub>14</sub>

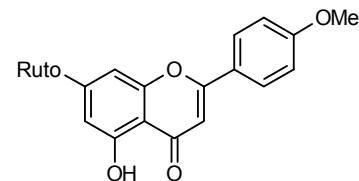
MW 592.55

mp 258-260°C

White powder

Soluble in acetic acid 25%

Hygroscopic



**021150S**

**Liquiritigenin with HPLC, >99%**

(7,4'-Dihydroxyflavanone)

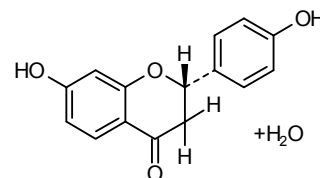
[578-86-9]

C<sub>15</sub>H<sub>12</sub>O<sub>4</sub>

MW 256.26

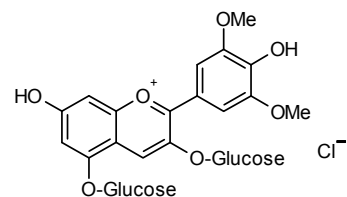
mp 206-208°C

Soluble in Toluene:dioxane:acetic acid(95:25:4)

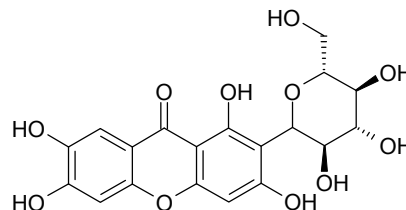




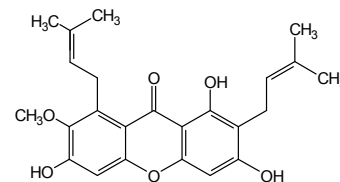
**020930S Malvin chloride with HPLC, 96%**  
(Malvidin-3,5-di-O-glucoside chloride)  
[16727-30-3]  
C<sub>29</sub>H<sub>35</sub>O<sub>17</sub>Cl  
MW 691.04  
Black-red powder  
Soluble in acetic acid/water/hydrochloric  
acid (23:70:7 by volume)  
Store at -20°C



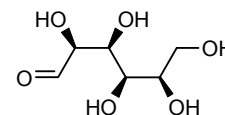
**M-001 Mangiferin**  
[4773-96-0]  
(Xanthone-c-glucoside)  
C<sub>19</sub>H<sub>18</sub>O<sub>11</sub> · 3H<sub>2</sub>O  
MW 476.1  
mp 269-270°C  
From Mangifera indica leaves



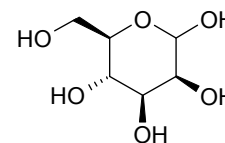
**M-002 Mangostine** [6147-11-1]  
C<sub>24</sub>H<sub>26</sub>O<sub>6</sub>  
MW 410.47  
mp 180-182°C  
From Garcinia mangostana fruits



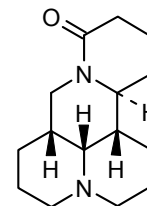
**06-051 Mannose**  
[3458-28-4]  
C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
MW 180.16



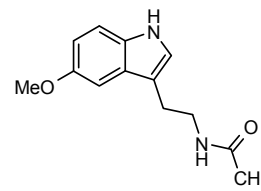
**024181 D-(+)-Mannose**  
malt sugar, flavouring agent  
[3458-28-4]  
C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
MW 180.17



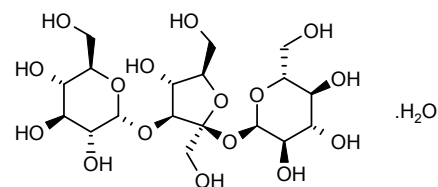
**06-019 Matrine 98%**  
(Matridin-15-one; )  
[519-02-8]  
C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O  
MW 248.37 mp 66.9-67.2°C  
White powder  
Soluble in chloroform



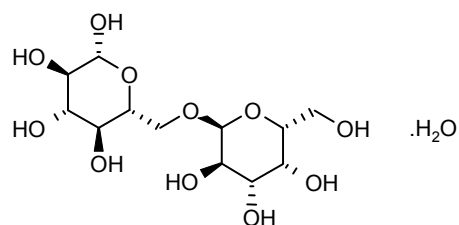
**025638 Melatonin, 97%**  
(N-Acetyl-5-methoxy-tryptamine)  
hormone  
[73-31-4]  
C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>  
MW 232.28



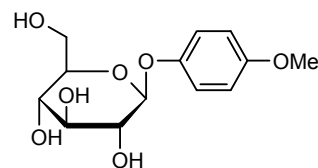
**06-052 D-(+)-Melezitose monohydrate, 99%**  
(O- $\alpha$ -D-Glucopyranosyl-(1 $\rightarrow$ 3)- $\beta$ -D-fructofuranosyl  
- $\alpha$ -D-glucopyranoside)  
rare sugar, flavouring agent  
[10030-67-8]  
C<sub>18</sub>H<sub>32</sub>O<sub>16</sub> H<sub>2</sub>O  
MW 522.48



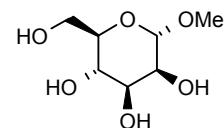
**06-053 D-(+)-Melibiose monohydrate, 99%**  
(6-O- $\alpha$ -D-Galactopyranosyl-D-glucose)  
moisturizes and smoothes the skin,  
promoting skin regeneration  
[66009-10-7]  
C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> H<sub>2</sub>O  
MW 360.32



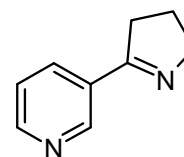
**06-054 Methylarbutin, 95%**  
(4-Methoxyphenyl- $\beta$ -D-glucopyranoside)  
for skin whitening cosmetics  
[6032-32-2]  
C<sub>13</sub>H<sub>18</sub>O<sub>7</sub>  
MW 286.28  
mp 158-160°C



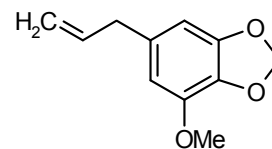
**024204 Methyl- $\alpha$ -D-mannopyranoside**  
[617-04-9]  
C<sub>7</sub>H<sub>14</sub>O<sub>6</sub>  
MW 194.2



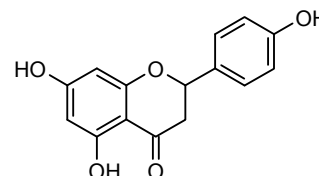
**020607 Myosmine**  
[532-12-7]  
C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>  
MW 146.19  
White powder  
Soluble in alcohol  
Store at -20°C



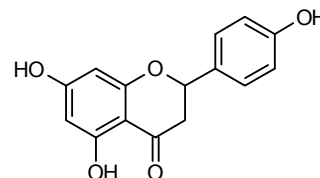
**028828 Myristicin with GC**  
(4-Methoxy-6-(2-propenyl)-1,3-benzodioxole)  
[607-91-0]  
C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>  
MW 192.21  
Store at +2-8°C



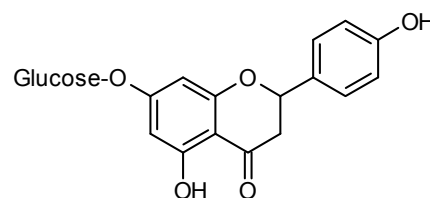
**N-101 Naringenin 98%**  
citrus bioflavonoid, capillary sealing  
action, prevents skin inflammation.  
(5,7,4',-trihydroxyflavanone;)  
[480-41-1]  
C<sub>15</sub>H<sub>12</sub>O<sub>5</sub>  
MW 272.26  
mp 244-245°C  
Brown crystalline powder



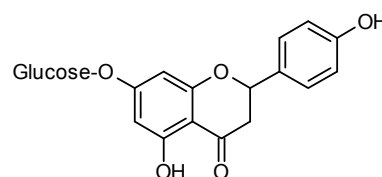
**021128S Naringenin with HPLC, 98%**  
(5,7,4'-Trihydroxyflavanone)  
[480-41-1]  
C<sub>15</sub>H<sub>12</sub>O<sub>5</sub>  
MW 272.26  
mp 254-256°C



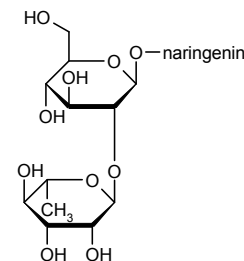
**021090 Naringenin-7-O-glucoside**  
(Prunin) bioflavonoide  
anti-inflammatory, anti-oxidant, for  
sun protective applications  
[529-55-5]  
C<sub>21</sub>H<sub>22</sub>O<sub>10</sub>  
MW 434.39



**021160S Naringenin-7-O-glucoside with HPLC, 99+%**  
(Prunin with HPLC)  
[529-55-5]  
C<sub>21</sub>H<sub>22</sub>O<sub>10</sub>  
MW 434.39

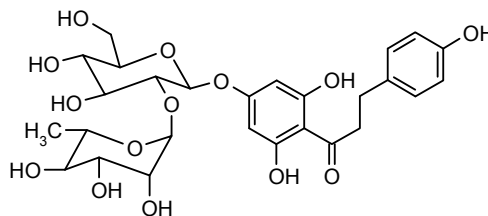


**06-020 Naringin, 98+%**  
(Naringenin-7-neohesperidoside)  
citrus flavonoide, citrus bioflavonoid, capillary sealing  
action, prevents skin inflammation  
[10236-47-2]  
C<sub>27</sub>H<sub>32</sub>O<sub>14</sub>  
MW 580.54 mp 250°C  
Yellowish powder  
Soluble in acetone and alcohol



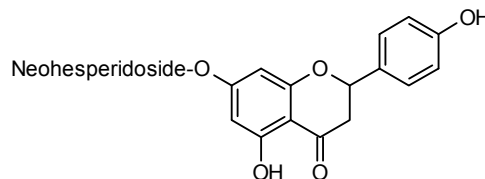
**06-021 Naringin dihydrochalcone, 98%**

[18915-17-1]  
C<sub>27</sub>H<sub>34</sub>O<sub>14</sub>  
MW 582.56  
mp 153.7-154°C  
White powder crystal  
dissolve in hot water



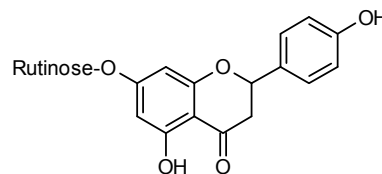
**021129S Naringin with HPLC, 98%**

(Naringenin-7-O-neohesperidoside)  
[10236-47-2]  
C<sub>27</sub>H<sub>32</sub>O<sub>14</sub>  
MW 580.54 mp 171°C  
Slightly yellow powder  
Soluble in chloroform/methanol/  
water (65:35:10 by volume)



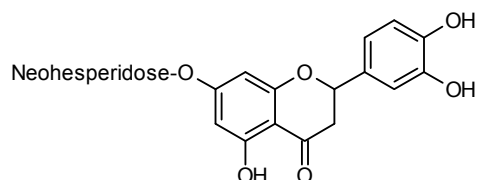
**021130S Narirutin with HPLC, 98%**

(Naringenin-7-O-rutinoside; Isonaringin)  
[14259-46-2]  
C<sub>27</sub>H<sub>32</sub>O<sub>14</sub>  
MW 580.54 mp 155-165°C  
Cream-colored powder  
Soluble in Ethyl acetate/methylethyl  
ketone/acetic acid  
water (5/3/1/1:V/V/V/V)



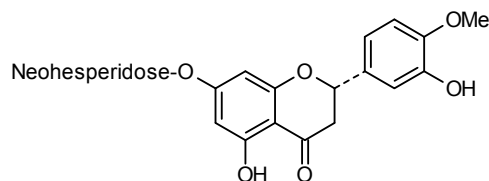
**021131S Neeriocitrin with HPLC, >99%**

(Eriodictyol-7-O-neohesperidoside)  
[13241-32-2]  
C<sub>27</sub>H<sub>32</sub>O<sub>15</sub>  
MW 596.54 mp 227-234°C  
Off white powder  
Soluble in ethyl acetate:methanol:  
Water(100:25:10)

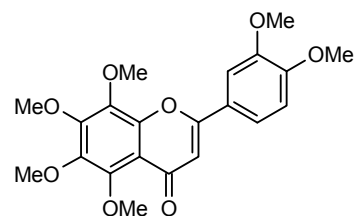


**021132S Neohesperidin with HPLC, 99%**

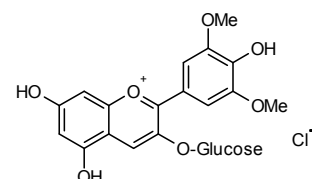
(Hesperetin-7-neohesperidoside)  
[13241-33-3]  
C<sub>28</sub>H<sub>34</sub>O<sub>15</sub>  
MW 610.57 mp 244°C  
Off-white powder  
Soluble in ethyl acetate/methanol/  
water (10:2.5:1 by volume)



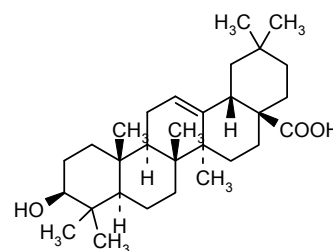
**06-022 Nobiletin 20%**  
(3',4',5,6,7,8-Hexamethoxy flavone)  
[478-01-3]  
C<sub>21</sub>H<sub>22</sub>O<sub>8</sub>  
MW 402.40 mp: 137-138°C  
Brown powder  
Slightly soluble in water ad ethyl



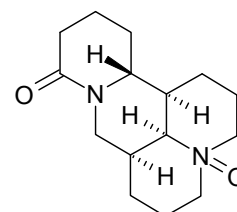
**020911S Oenin chloride with HPLC, >98%**  
(Malvidin-3-O-glucoside chloride)  
[7228-78-6]  
C<sub>23</sub>H<sub>25</sub>O<sub>12</sub>Cl  
MW 528.89



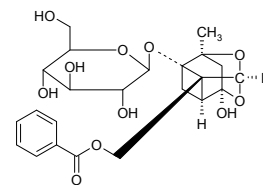
**020041S Oleanolic acid with HPLC, 99%**  
(3β)-3-Hydroxyolean-12-en-28-oic acid)  
anti-ageing, repair of skin collagen  
structure, smoothes the skin.  
[508-02-1]  
C<sub>30</sub>H<sub>48</sub>O<sub>3</sub>  
MW 456.71 mp 304-306°C  
White powder  
Soluble in methylene chloride:methanol



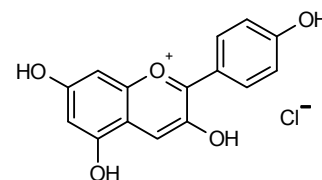
**06-024 Oxymatrine, 98%**  
Ammothamnine  
[16837-52-8]  
C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
MW 264.37 mp: 197.6-198°C  
White powder  
Soluble in water



**06-044 Paeoniflorin, 98%**  
[23180-57-6]  
C<sub>23</sub>H<sub>28</sub>O<sub>11</sub>  
MW 480.45  
mp 196°C  
Soluble in Etanol and methyl alcohol



**020912S Pelargonidin chloride with HPLC, >99%**  
(3,5,7,4'-Tetrahydroxyflavylium chloride)  
[134-04-3]  
C<sub>15</sub>H<sub>11</sub>O<sub>5</sub>Cl  
MW 306.71 mp 244°C  
Red Powder  
Soluble in ethylacetate/formic acid/water  
Hygroscopic



020903

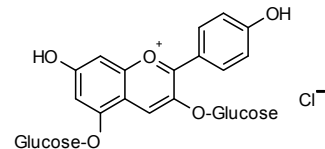
**Pelargonin chloride**

(Pelargonidin-3,5-di-O-glucoside)

[17334-58-6]

C<sub>27</sub>H<sub>31</sub>O<sub>15</sub>Cl

MW 630.98



020906S

**Peonidin chloride with HPLC, >99%**

(3,4',5,7-Tetrahydroxy-3'-methoxy flavylum chloride)

[134-01-0]

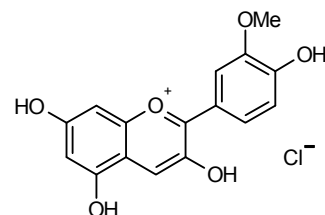
C<sub>16</sub>H<sub>13</sub>O<sub>6</sub>Cl

MW 336.73

Black-red powder

Soluble in hydrochloric acid/acetic acid/  
water (7:70:23 by volume)

Hgrosopic



020929

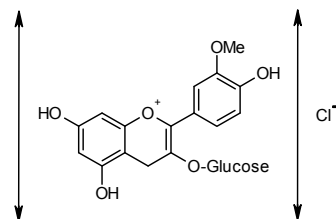
**Peonidin-3-O-glucoside chloride**

[6906-39-4]

C<sub>22</sub>H<sub>23</sub>O<sub>11</sub>Cl

MW 498.86

Store at -20°C



021044

**Phloretin**

(4,2',4',6'-Tetrahydroxydihydrochalcone)

polyphenolic compound, natural

antioxidant from the apple tree

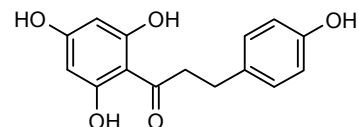
used for treatment of acne.

[60-82-2]

C<sub>15</sub>H<sub>14</sub>O<sub>5</sub>

MW 274.26

mp: 257-261°C



021046

**Phlorizin**

(Phloretin-2'-O-glucoside)

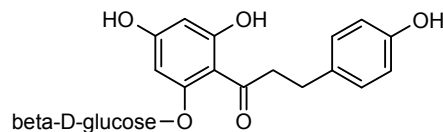
polyphenolic compound, natural antioxidant  
from the apple tree used for treatment of acne.

[60-81-1]

C<sub>21</sub>H<sub>24</sub>O<sub>10</sub>

MW 436.41

mp 110-120°C



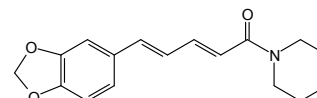
INDOFINE Chemical Company, Inc.  
Phone: (908) 359-6778 • Fax: (908) 359-1179

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**P-001**      **Picrotoxin, 98%**  
(Cocculin)  
[124-87-8]  
C<sub>30</sub>H<sub>34</sub>O<sub>13</sub>                      mp 199-201°C  
MW 602.59  
White crystals  
Soluble in Methanol or acetone

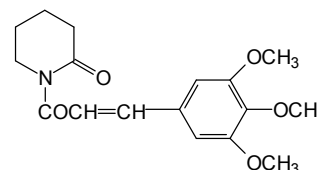
---

**P-003**      **Piperine, 98%**  
[94-62-2]  
(1-Piperonylpiperidine)  
C<sub>17</sub>H<sub>19</sub>NO<sub>3</sub>                      mp 128-130°C  
MW 285.34  
Merck Index 12,7625  
RTECS# TN2321500  
From black pepper



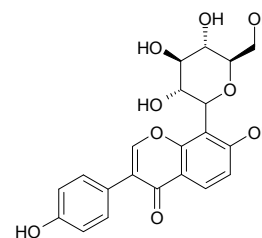
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**P-004**      **Piperlongumine**  
[20069-09-0]  
C<sub>17</sub>H<sub>19</sub>NO<sub>5</sub>  
MW 317.31  
mp 123-124°C  
From long pepper



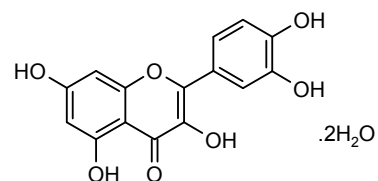
---

**06-001**      **Puerarin, 98%**  
(Daidzein-8-C-glucoside,  
7,4'-Dihydroxy-8-C-glucosylisoflavone)  
C<sub>21</sub>H<sub>20</sub>O<sub>9</sub>  
[3681-99-0]  
MW 416.38  
White powder  
Soluble in Ethyl acetate:formic  
acid:water(5:1:1)



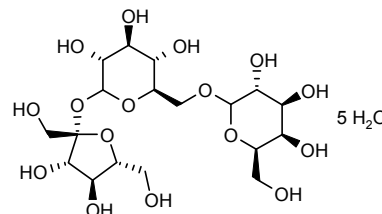
---

**P-102**      **Quercetin 98%**  
(3, ,5,7,3',4'-Pentahydroxyflavone)  
[117-39-5]  
C<sub>15</sub>H<sub>10</sub>O<sub>7</sub> · 2H<sub>2</sub>O  
MW 302.25  
mp: 320°C  
Yellow powder



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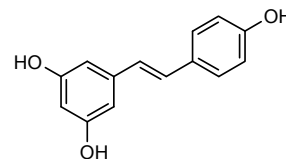
**024257**      **D-(+)-Raffinose**  
(Melitriose) – rare sugar, moisturizes and  
smoothes the skin, preventing skin ageing,  
for promoting skin generation  
[17629-30-0]  
C<sub>18</sub>H<sub>32</sub>O<sub>16</sub> · 5H<sub>2</sub>O  
MW 504.45



024964

**Resveratrol**

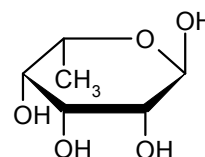
polyphenolic compound, natural, potent antioxidant,  
'French paradox' active principle of red wine, soothing  
agent for acute and chronic skin damage, protection of  
sun exposure, against skin pigmentation  
(trans-3,5,4'-Stilbenetriol)  
[501-36-0]  
C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>  
MW 228.24 mp 253-255<sup>o</sup>C  
White powder



06-025

**Rhamnose, 98%**

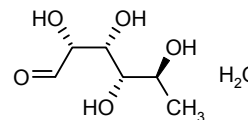
(α-L-Rhamnose)  
[6155-35-7]  
C<sub>6</sub>H<sub>12</sub>O<sub>5</sub>  
MW 164.16 mp 197.6-198<sup>o</sup>C  
White crystals



024259

**L-(+)-Rhamnose**

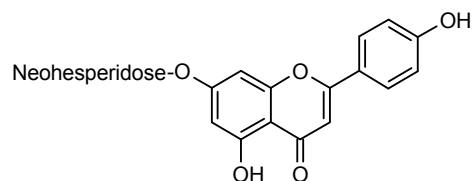
(6-Deoxy-L-mannose, Isodulcitol)  
rare sugar, flavouring agent  
[3615-41-6]  
C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> H<sub>2</sub>O  
MW 164.17



020079

**Rhoifolin**

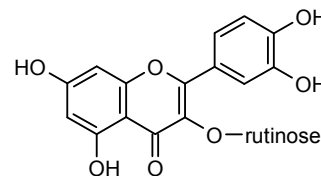
(Apigenin-7-neohesperidoside)  
bioflavonoid, anti-inflammatory, anti-oxidant,  
for sun protective applications  
[17306-46-6]  
C<sub>27</sub>H<sub>30</sub>O<sub>14</sub>  
MW 578.53 mp: ~245<sup>o</sup>C  
Soluble in Toluene:methylethyl ketone:  
methanol (4:3:3)



021139S

**Rutin, >99%**

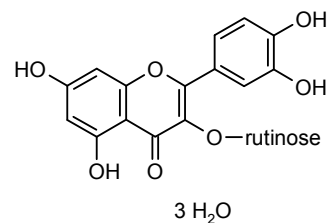
(Bioflavonoide; Quercetin-3-rutinoside)  
[153-18-4]  
C<sub>27</sub>H<sub>30</sub>O<sub>16</sub>  
MW 610.53 mp: 203-205<sup>o</sup>C  
Yellow powder



020080

**Rutin trihydrate, 95%**

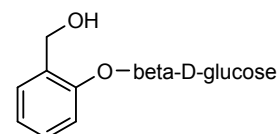
(Quercetin-3-rutinoside, Vitamin P)  
DAB-bioflavonoide  
[153-18-4]  
 $C_{27}H_{30}O_{16} \cdot 3 H_2O$   
MW 664.60 mp: 188-190°C  
Yellow powder  
Soluble in Ethylacetate: formic acid:  
acetic (100:11:11)



06-032

**Salicin 98%**

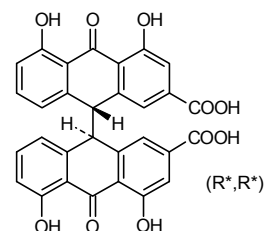
(Salicyl alcohol glucoside)  
[138-52-3]  
 $C_{13}H_{18}O_7$   
MW 286.28 mp 200.5-201.1°C  
White powder  
Soluble in Alkalies, Pyridine



020409

**Sennidine A, >95%**

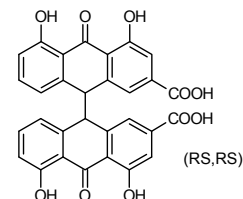
[641-12-3]  
 $C_{30}H_{18}O_{10}$   
MW 538.46  
Powder  
Soluble in n-propanol/ethyl acetate/  
water (4:3:3 by volume)



020410

**Sennidine B, >95%**

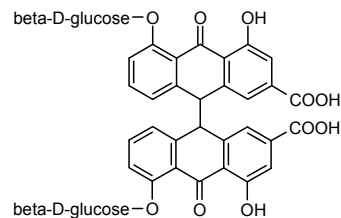
[517-44-2]  
 $C_{30}H_{18}O_{10}$   
MW 538.46  
Powder  
Soluble in n-propanol/ethyl acetate/  
water (4:3:3 by volume)



020404

**Sennoside A, >90%**

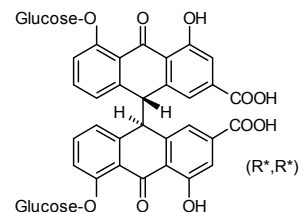
[81-27-6]  
 $C_{42}H_{38}O_{20}$   
MW 862.74  
Yellow Powder  
Hygroscopic



020456S

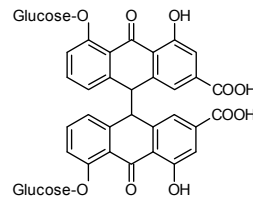
**Sennoside A with HPLC, >98%**

[81-27-6]  
 $C_{42}H_{38}O_{20}$   
MW 862.74  
Yellow powder  
Soluble in n-propanol/water/ethyl  
acetate (4:3:4 by volume)



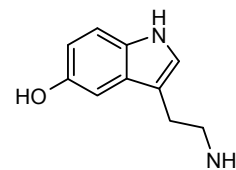
**020457S Sennoside B with HPLC, >99%**

[128-57-4]  
C<sub>42</sub>H<sub>38</sub>O<sub>20</sub>  
MW 862.74  
Powder  
Soluble in n-propanol/water/ethyl  
acetate (4:3:4 by volume)



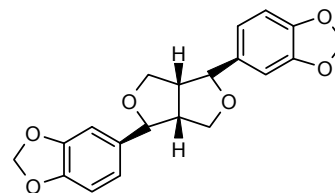
**06-055**

**Serotonin**  
(5-Hydroxytryptamine) - neurotransmitter  
[50-67-9]  
C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O  
MW 176.22  
mp 167-168°C  
Hygroscopic



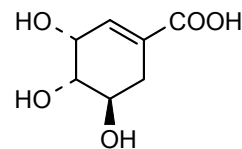
**06-056**

**Sesamin**  
(5,5'-(Tetrahydro-1H,3H-furo[3,4-c]furan-1,4-diyl)bis  
1,3-benzodioxole)  
C<sub>20</sub>H<sub>18</sub>O<sub>6</sub>  
[607-80-7]  
MW 354.36  
mp 122-123°C  
crystals from ethanol  
Soluble in chloroform,  
benzene, acetic acid, acetone



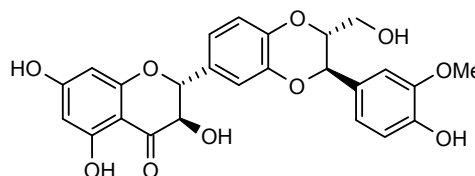
**06-027**

**Shikimic acid 98%**  
([3R-(3-α-,4-α-,5-β)]-3,4,5-Trihydroxy-1-  
cyclohexene-1-carboxylic acid)  
[138-59-0]  
C<sub>7</sub>H<sub>10</sub>O<sub>5</sub>  
MW 174.16                      mp 188°C  
White powder  
Soluble in water



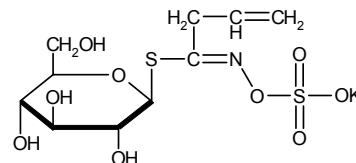
**021040**

**Silybin, >95%**  
(Silymarin)  
ex Silybum marianum (milk thistle) –  
bioflavonoid extract  
[22888-70-6]  
C<sub>25</sub>H<sub>22</sub>O<sub>10</sub>  
MW 482.44                      mp 164-174°C  
White powder  
Soluble in Toluene:ethyl formiate:HCOOH(5:4:1)



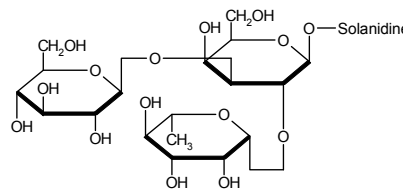
**027295S Sinigrin with HPLC**

(Glucosinolate)  
[3952-98-5]  
 $C_{10}H_{16}NO_9S_2K \cdot H_2O$   
MW 397.46  
mp 129-132°C



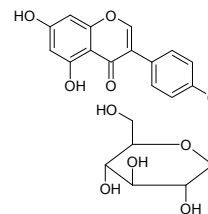
**021652S α-Solanine with TLC**

(Solatunine)  
[20562-02-1]  
MW 868.07  
mp 266°C



**06-063 Sophoricoside, 98%**

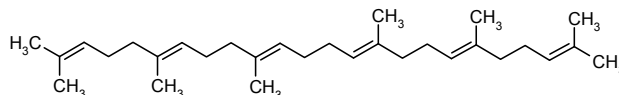
(Genistein β-glucoside)  
[152-95-4]  
 $C_{21}H_{20}O_{10}$   
MW 432.37  
mp >285°C



**027113**

**Squalene, 97%**

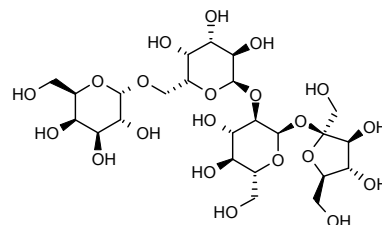
(Perhydrosqualen)  
cares for skin, strengthens skin's lipid barrier  
(all-E)-2,6,10,15,19,23-Hexamethyl-2,6,10,14,18,22-tetracosahexaene)  
[111-01-3]  
 $C_{30}H_{62}$   
MW 422.83  
Soluble in ether, petr ether, CCl4, acetone



**024283**

**Stachyose**

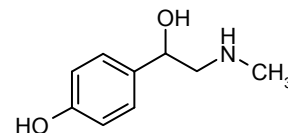
(Mannotetraose, Lupeose)  
[470-55-3]  
 $C_{24}H_{42}O_{21}$  aq.  
MW 666.58  
Purity: min 99% (HPLC)



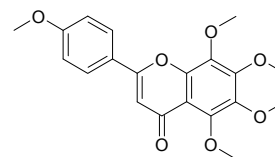
**06-028**

**Synephrine, 98%**

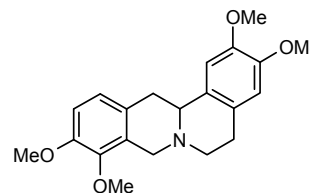
(4-Hydroxy-.alpha.-[(methylamino)methyl]benzenemethanol; p-hydroxy-.alpha.-[(methylamino)methyl]benzyl alcohol;)  
[94-07-5]  
 $C_9H_{13}NO_2$   
MW 167.20  
White powder  
mp 180-181°C



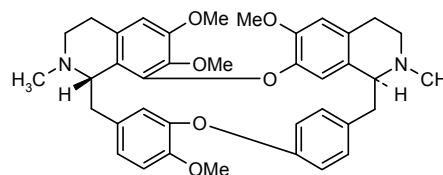
**06-026**      **Tangeretin (Natural), 98%**  
(5,6,7,8,4'-Pentamethoxyflavone)  
[481-53-8]  
C<sub>20</sub>H<sub>20</sub>O<sub>7</sub>  
MW 372.00  
White powder  
Soluble in water & alcohol



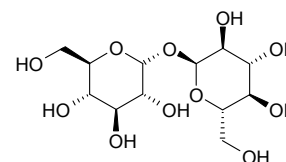
**06-030**      **Tetrahydropalmatine, 98%**  
(5,8,13,13a-Tetrahydro-2,3,9,10-tetramethoxy-6H-dibenzo[a,g]quinolizine)  
[2934-97-6]  
C<sub>21</sub>H<sub>25</sub>NO<sub>4</sub>      mp 155°C  
MW 355.43  
Light yellow powder



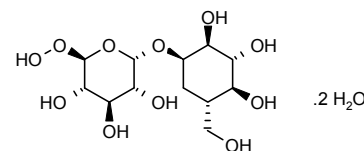
**06-0292**      **Tetrandrine 98%**  
(1-β)-6,6',7,12-Tetramethoxy-2,2'-dimethylberbaman)  
[518-34-3]  
C<sub>38</sub>H<sub>42</sub>N<sub>2</sub>O<sub>6</sub>  
MW 622.76  
mp 221-222°C  
Soluble in Ether



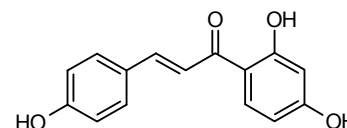
**06-057**      **D-(+)-Trehalose anhydride, 99%**  
[99-20-7]  
C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>  
MW 342.30



**024067**      **D-(+)-Trehalose dihydrate, 99%**  
(α-D-Glucopyranosyl-α-D-glucopyranoside dihydrate)  
rare sugar, flavouring agent  
moisturizes and smoothes the skin, immunostimulant  
[6138-23-4]  
C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> · 2H<sub>2</sub>O  
MW 378.34



**T-503**      **4,2',4'-Trihydroxychalcone, 97%**  
(Isoliquiritigenin)  
[961-29-5]  
C<sub>15</sub>H<sub>12</sub>O<sub>4</sub>      mp 190.5-194.9°C  
MW 256.26  
Yellow crystals  
Soluble in Aceton or methanol(8:2)



06-058

**Troxeutin**

(Trioxyethylrutin)

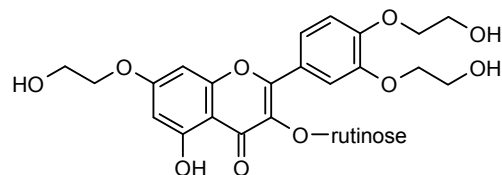
[7085-55-4]

C<sub>33</sub>H<sub>42</sub>O<sub>19</sub>

MW 742.69

mp 156°C

Soluble in water,  
methanol, glycerol,  
propylene glycol



06-059

**Uric acid**

(2,6,8-Trioxypurine)

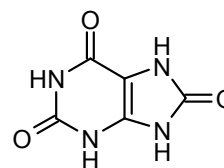
[69-93-2]

C<sub>5</sub>H<sub>4</sub>N<sub>4</sub>O<sub>3</sub>

MW 168.11

Tasteless crystals

Soluble glycerol



06-031

**Ursolic acid, 98%**

(3.beta.)-3-Hydroxyurs-12-en-28-oic acid)

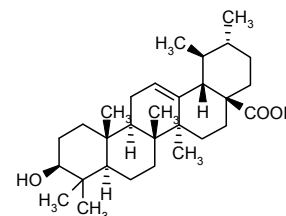
[77-52-1]

C<sub>30</sub>H<sub>48</sub>O<sub>3</sub>

MW 456.71

lustrous prisms

Sol in hot glacial acetic acid  
and in 2% alcoholic NaOH



020037S

**Ursolic acid with HPLC, 98%**

((3-β)-3-Hydroxyurs-12-en-28-oic acid)

emulsifying agent in foods, anti-ageing,  
repair of the skin collagen structure, smoothes the skin

[77-52-1]

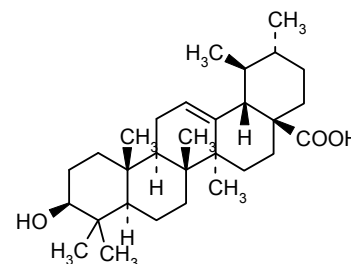
C<sub>30</sub>H<sub>48</sub>O<sub>3</sub>

MW 456.71

mp 278-282°C

White powder

Soluble in Methylene chloride/Methanol



026169

**(+)-Usnic acid, 99%**

antifungal and antimicrobial ingredient

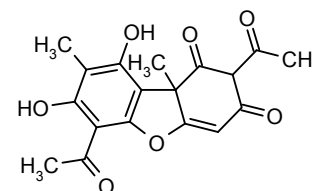
[7562-61-0]

C<sub>18</sub>H<sub>16</sub>O<sub>7</sub>

MW 344.33

mp 201-203°C

Yellow Orthorhombic prisms  
from acetone



06-061

**Vitamin E**

([2R-2R\*(4R\*,8R\*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol)

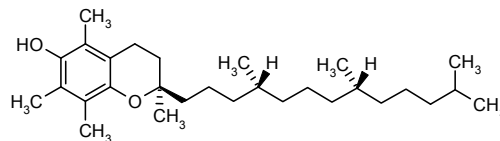
[59-02-9]

C<sub>29</sub>H<sub>50</sub>O<sub>2</sub>

MW 430.71

mp 76-77°C

Freely soluble in oils, fats, acetone, alcohol



026658

**Xylan (132)n g/mole from birchwood**

polysaccharide

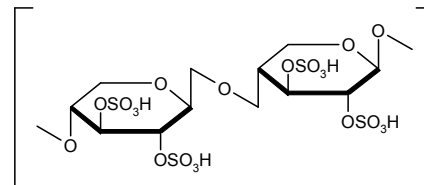
ex birch wood

ex larch wood

ex oat spelts

(Pentosan Polysulfate)

[9014-63-5]



024312

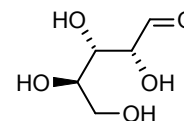
**D-(+)-Xylose, 99%**

rare sugar, moisturizes and smoothes the skin, preventing skin ageing, for promoting skin regeneration

[58-86-6]

C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

MW 150.14



024314

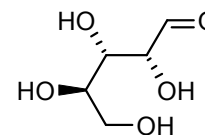
**DL-Xylose**

rare sugar, moisturizes and smoothes the skin, preventing skin ageing, for promoting skin regeneration

[41247-05-6]

C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

MW 150.14



024313

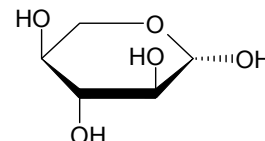
**L-(-)-Xylose**

rare sugar, moisturizes and smoothes the skin, preventing skin ageing, for promoting skin regeneration

[609-06-3]

C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

MW 150.10



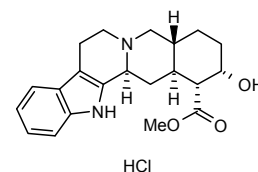
021542

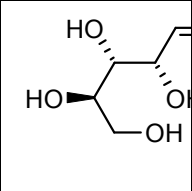
**Yohimbine HCl, 98%**

[65-19-0]

C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub> HCl

MW 390.91





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chemical@indofinechemical.com

**020307S Zeaxanthin with TLC**

[144-68-3]

C<sub>40</sub>H<sub>56</sub>O<sub>2</sub>

MW 568.88

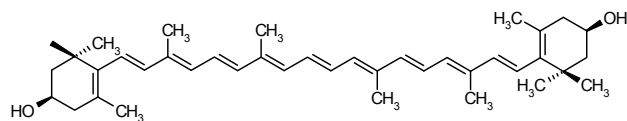
mp 205-206°C

Soluble in Methanol + .5%

methylene chloride - 5mg/20ml,

methylene chloride first

Store at -20°C



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