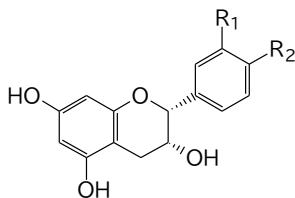


List of Compounds

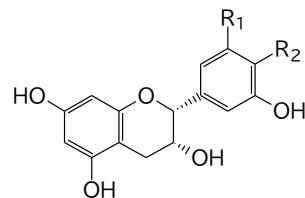
Nagara Science Co., Ltd.

840 Furuichiba, Gifu-shi, Gifu 501-1121 JAPAN
Phone : +81-58-234-4257 , Fax : +81-58-234-4724
E-mail : nagara@nsgifu.jp , http://www.nsgifu.jp

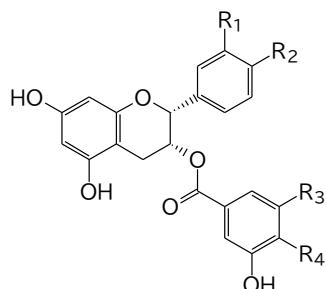
Green tea



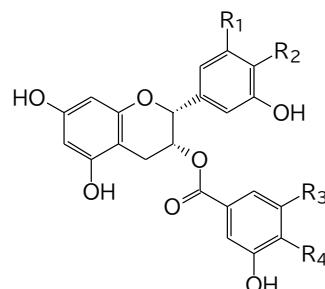
(-) -Epicatechin R₁=R₂=OH
(-) -Epicatechin-3'-O-methylether R₁=OCH₃, R₂=OH
(-) -Epicatechin-4'-O-methylether R₁=OH, R₂=OCH₃



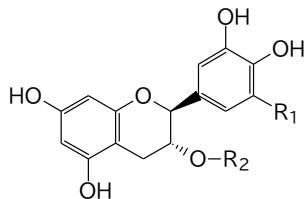
(-) -Epigallocatechin R₁=R₂=OH
(-) -Epigallocatechin-3'-O-methylether R₁=OCH₃, R₂=OH
(-) -Epigallocatechin-4'-O-methylether R₁=OH, R₂=OCH₃



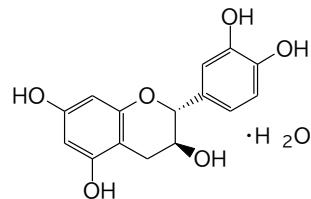
(-) - Epicatechin gallate R₁=R₂=R₃=R₄=OH
(-) - Epicatechin-3'-O-methylether gallate R₁=OCH₃, R₂=R₃=R₄=OH
(-) - Epicatechin-4'-O-methylether gallate R₂=OCH₃, R₁=R₃=R₄=OH
(-) - Epicatechin 3-(3"-O-methyl) gallate R₃=OCH₃, R₁=R₂=R₄=OH
(-) - Epicatechin 3-(4"-O-methyl) gallate R₄=OCH₃, R₁=R₂=R₃=OH



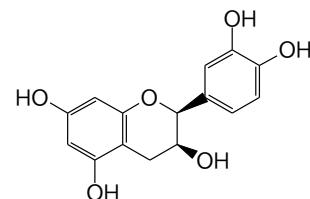
(-) - Epigallocatechin gallate R₁=R₂=R₃=R₄=OH
(-) - Epigallocatechin-3'-O-methylether gallate R₁=OCH₃, R₂=R₃=R₄=OH
(-) - Epigallocatechin-4'-O-methylether gallate R₂=OCH₃, R₁=R₃=R₄=OH
(-) - Epigallocatechin 3-(3"-O-methyl) gallate R₃=OCH₃, R₁=R₂=R₄=OH
(-) - Epigallocatechin 3-(4"-O-methyl) gallate R₄=OCH₃, R₁=R₂=R₃=OH
(-) -EGCg-3', 4"-di-O-Me R₁=R₄=OCH₃, R₂=R₃=OH
(-) -EGCg-4', 4"-di-O-Me R₂=R₄=OCH₃, R₁=R₃=OH
(-) -EGCg-3", 4"-di-O-Me R₃=R₄=OCH₃, R₁=R₂=OH



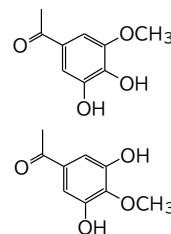
(-) -Catechin R₁=R₂=H
(-) -Gallocatechin R₁=OH, R₂=H
(-) -Catechin gallate R₁=H, R₂=Gallocatein
(-) -Gallocatechin gallate R₁=OH, R₂=Gallocatein
(-) -Gallocatechin 3-(3"-O-methyl) gallate R₁=OH, R₂=



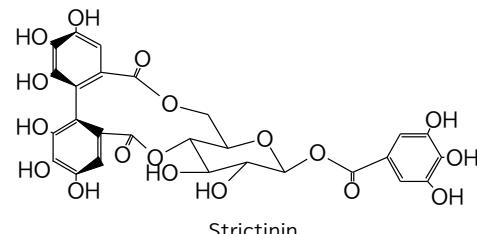
(+) -Catechin hydrate



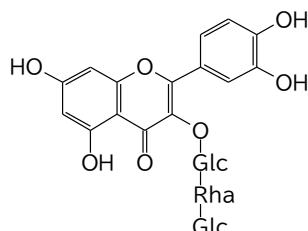
(+) -Epicatechin



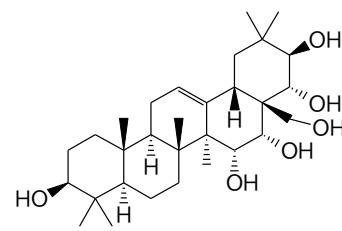
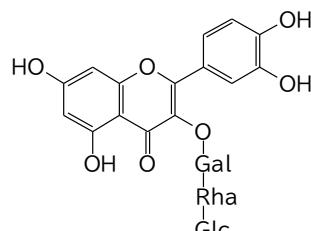
(-) -Gallocatechin 3-(4"-O-methyl) gallate R₁=OH, R₂=



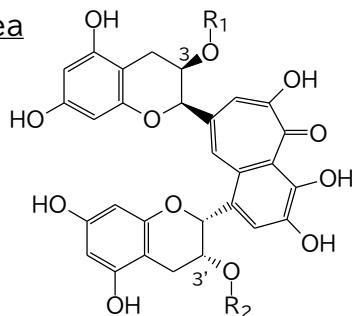
Strictinin



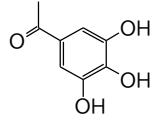
Quercetin triglycoside



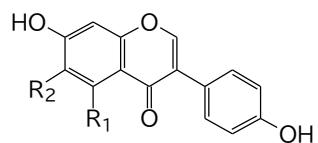
R1-Barrigenol

Black tea

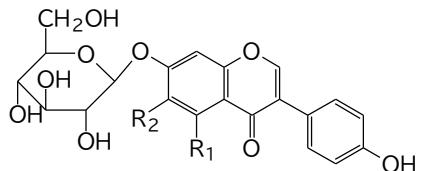
Theaflavin $R_1=R_2=H$
 Theaflavin 3-O-gallate $R_1=\text{Galloyl}$, $R_2=H$
 Theaflavin 3'-O-gallate $R_1=H$, $R_2=\text{Galloyl}$
 Theaflavin 3,3'-di-O-gallate $R_1=R_2=\text{Galloyl}$



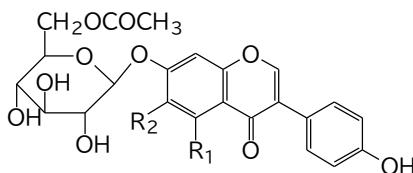
Galloyl

Soy bean

Daidzein $R_1=R_2=H$
 Glycitein $R_1=H$, $R_2=\text{OCH}_3$
 Genistein $R_1=\text{OH}$, $R_2=H$



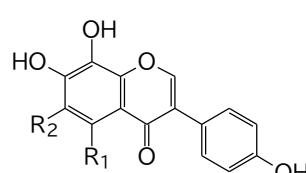
Daidzin $R_1=R_2=H$
 Glycitin $R_1=H$, $R_2=\text{OCH}_3$
 Genistin $R_1=\text{OH}$, $R_2=H$



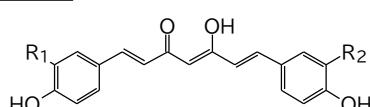
6"-O-Acetyl daidzein
 6"-O-Acetyl glycitin
 6"-O-Acetyl genistin



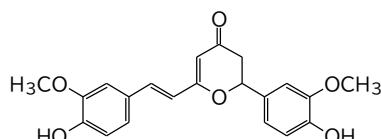
6"-O-Malonyl daidzein
 6"-O-Malonyl glycitin
 6"-O-Malonyl genistin



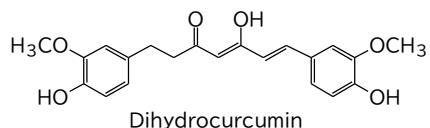
8-Hydroxy daidzein
 8-Hydroxy glycitein
 8-Hydroxy genistin

Turmeric

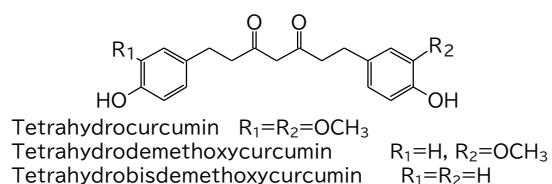
Curcumin 1 $R_1=R_2=\text{OCH}_3$
 Curcumin 2 $R_1=H$, $R_2=\text{OCH}_3$
 Curcumin 3 $R_1=R_2=H$



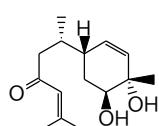
Cyclocurcumin



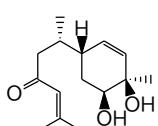
Dihydrocurcumin



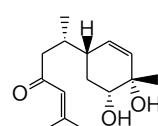
Tetrahydrocurcumin $R_1=R_2=\text{OCH}_3$
 Tetrahydrodemethoxycurcumin $R_1=H$, $R_2=\text{OCH}_3$
 Tetrahydrobisdemethoxycurcumin $R_1=R_2=H$



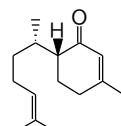
Bisacurone



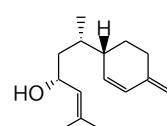
Bisacurone A



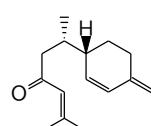
Bisacurone B



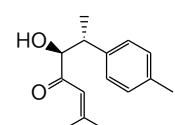
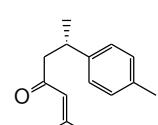
1-Bisabolone



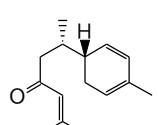
Bisacrol



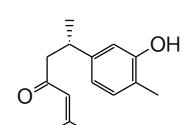
Currone

2-Hepten-4-one, 5-hydroxy-
2-methyl-6-(4-methylphenyl)-

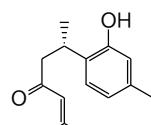
ar-Turmerone



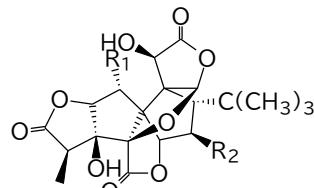
a-Turmerone



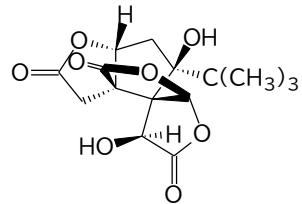
Turmeronol A



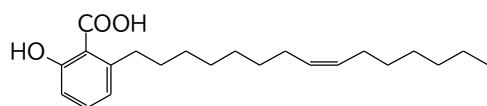
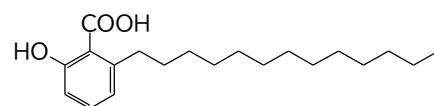
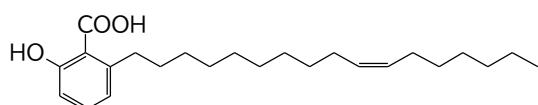
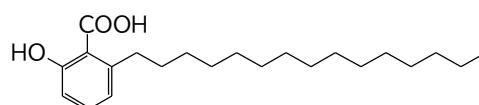
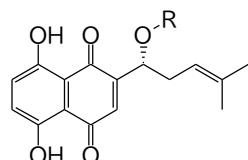
Turmeronol B

Ginkgo biloba

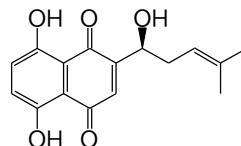
Ginkgolide A R₁=R₂=H
 Ginkgolide B R₁=OH, R₂=H
 Ginkgolide C R₁=R₂=OH



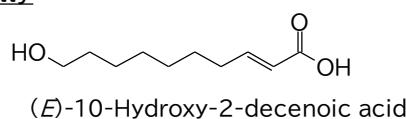
(-)-Bilobalide

Ginkgolic acid 15:1
[Anacardic acid 15:1]Ginkgolic acid 13:0
[Anacardic acid 13:0]Ginkgolic acid 17:1
[Anacardic acid 17:1]Ginkgolic acid 15:0
[Anacardic acid 15:0]Lithospermum erythrorhizon

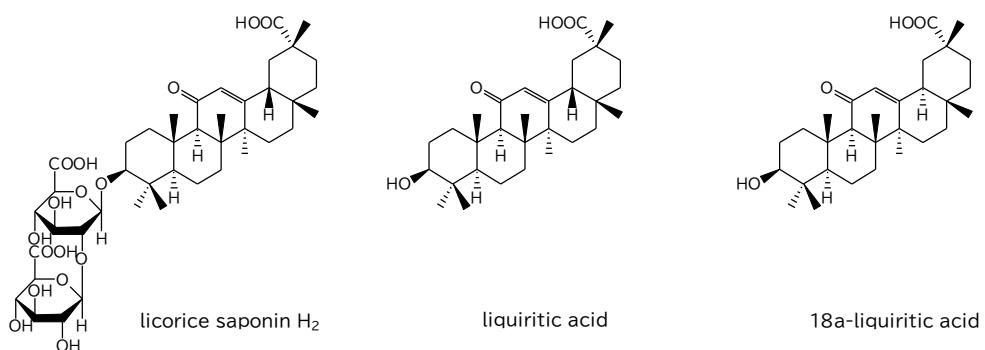
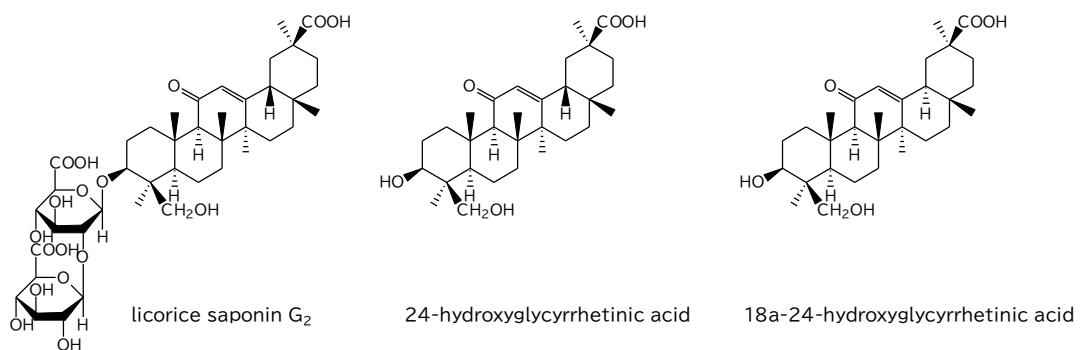
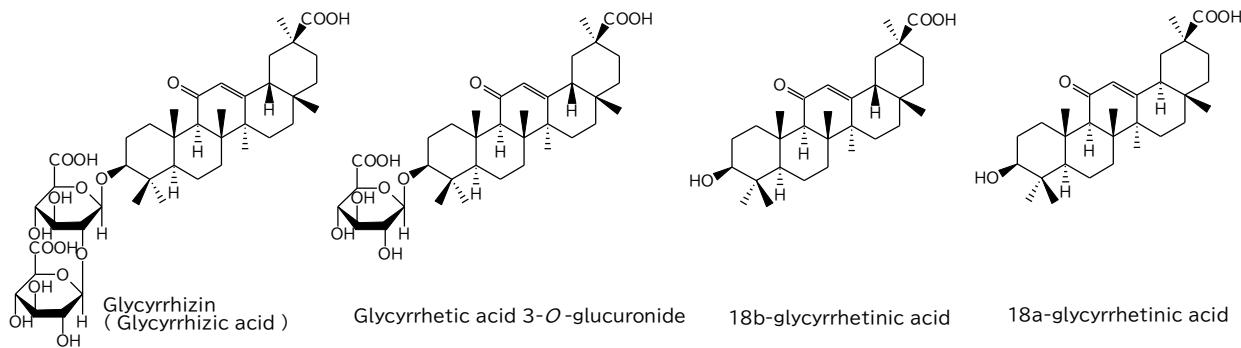
Shikonin	R=H
Acetylshikonin	R=COCH ₃
Isobutyrylshikonin	R=COCH(CH ₃) ₂
β-Hydroxyisovalerylshikonin	R=COCH ₂ C(CH ₃) ₂ OH
Isovalerylshikonin	R=COCH ₂ CH(CH ₃) ₂
α-Methyl-n-butryrylshikonin	R=COCH(CH ₃)CH ₂ CH ₃
β,β-Dimethylacrylylshikonin	R=COCH(CH ₃)C(CH ₃) ₂
β-Acetoxyisovalerylshikonin	R=COCH=COCH ₃
	R=COCH ₂ C(CH ₃) ₂ OCOCH ₃

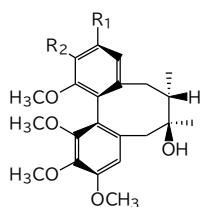


Alkannin

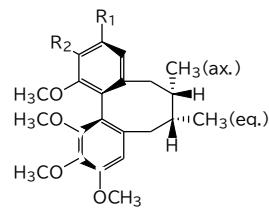
Royal jelly

(E)-10-Hydroxy-2-deenoic acid

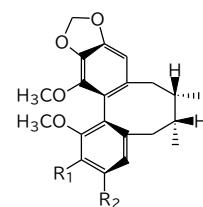
Licorice (Glycyrrhiza)

Schisandra fruit

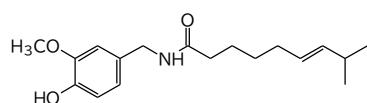
Schizandrin R₁=OCH₃, R₂=OCH₃
Gomisin A R₁+R₂=OCH₂O



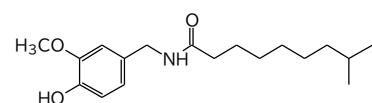
Deoxyschizandrin R₁=OCH₃, R₂=OCH₃
(±)-γ-Schizandrin R₁+R₂=OCH₂O



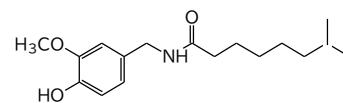
Gomisin N R₁=OCH₃, R₂=OCH₃
Wuweizisu C R₁+R₂=OCH₂O

Red pepper

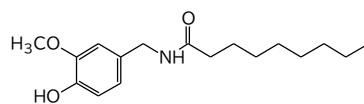
Capsaicin



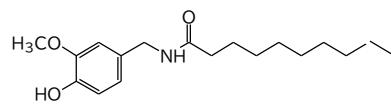
Dihydrocapsaicin



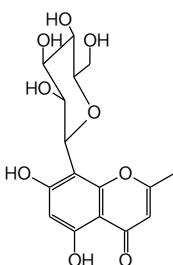
Nordihydrocapsaicin



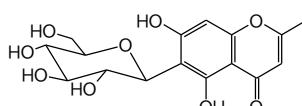
N-Vanillylnonanamide



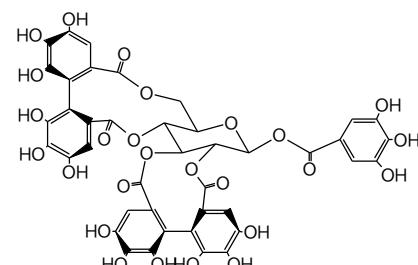
N-Vanillyldecanamide

Clove

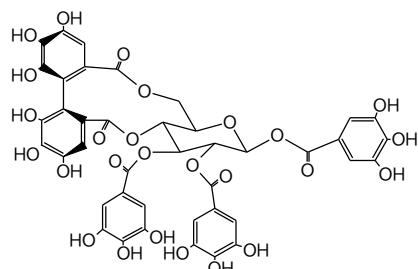
Clove3



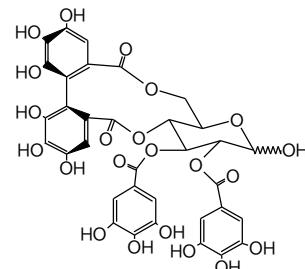
Biflorin



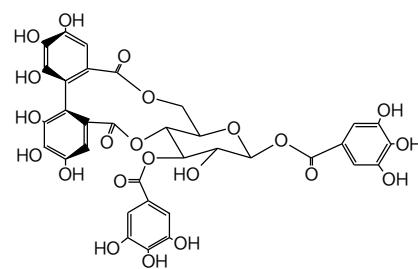
Casuarictin

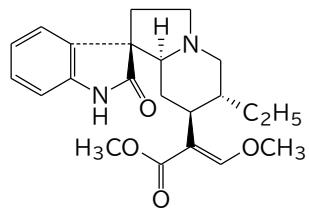


Eugeniiin

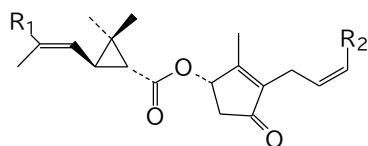


Tellimagrandin 1

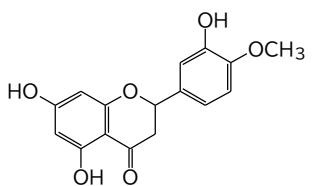
1,3-Di-O-galloyl-4,6-O-(S)-hexahydroxydiphenoyl-
β-D-glucose

Uncaria rhynchophylla

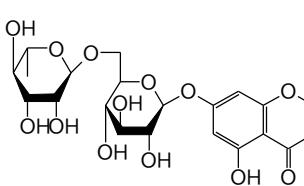
Rhynchophylline

Pyrethrins

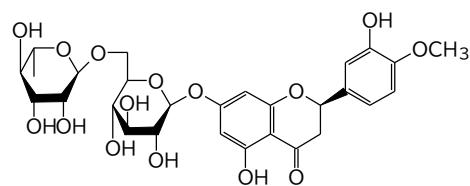
Pyrethrin I : $R_1 = CH_3$, $R_2 = CH=CH_2$
 Pyrethrin II : $R_1 = C(O)OCH_3$, $R_2 = CH=CH_2$
 Cinerin I : $R_1=R_2= CH_3$
 Cinerin II : $R_1 = C(O)OCH_3$, $R_2 = CH_3$
 Jasmolin I : $R_1 = CH_3$, $R_2 = CH_2CH_3$
 Jasmolin II : $R_1 = C(O)OCH_3$, $R_2 = CH_2CH_3$

Hesperidin, Naringin

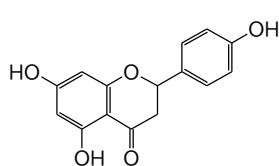
Hesperetin



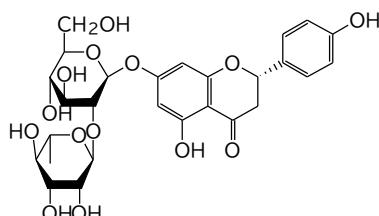
(2S)-Hesperidin



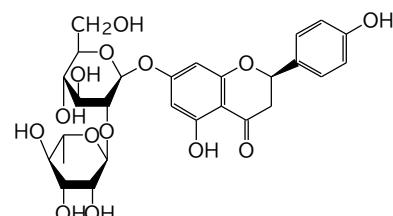
(2R)-Hesperidin



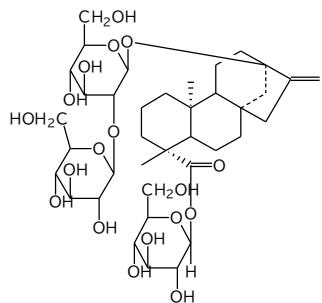
Naringenin



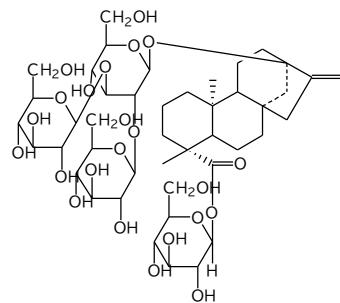
(2S)-Naringin



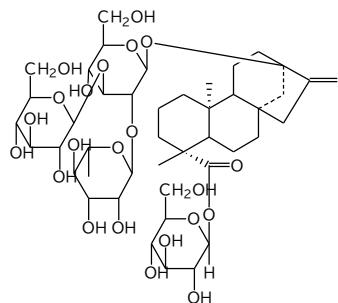
(2R)-Naringin

Stevia

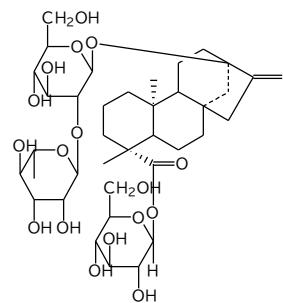
Stevioside



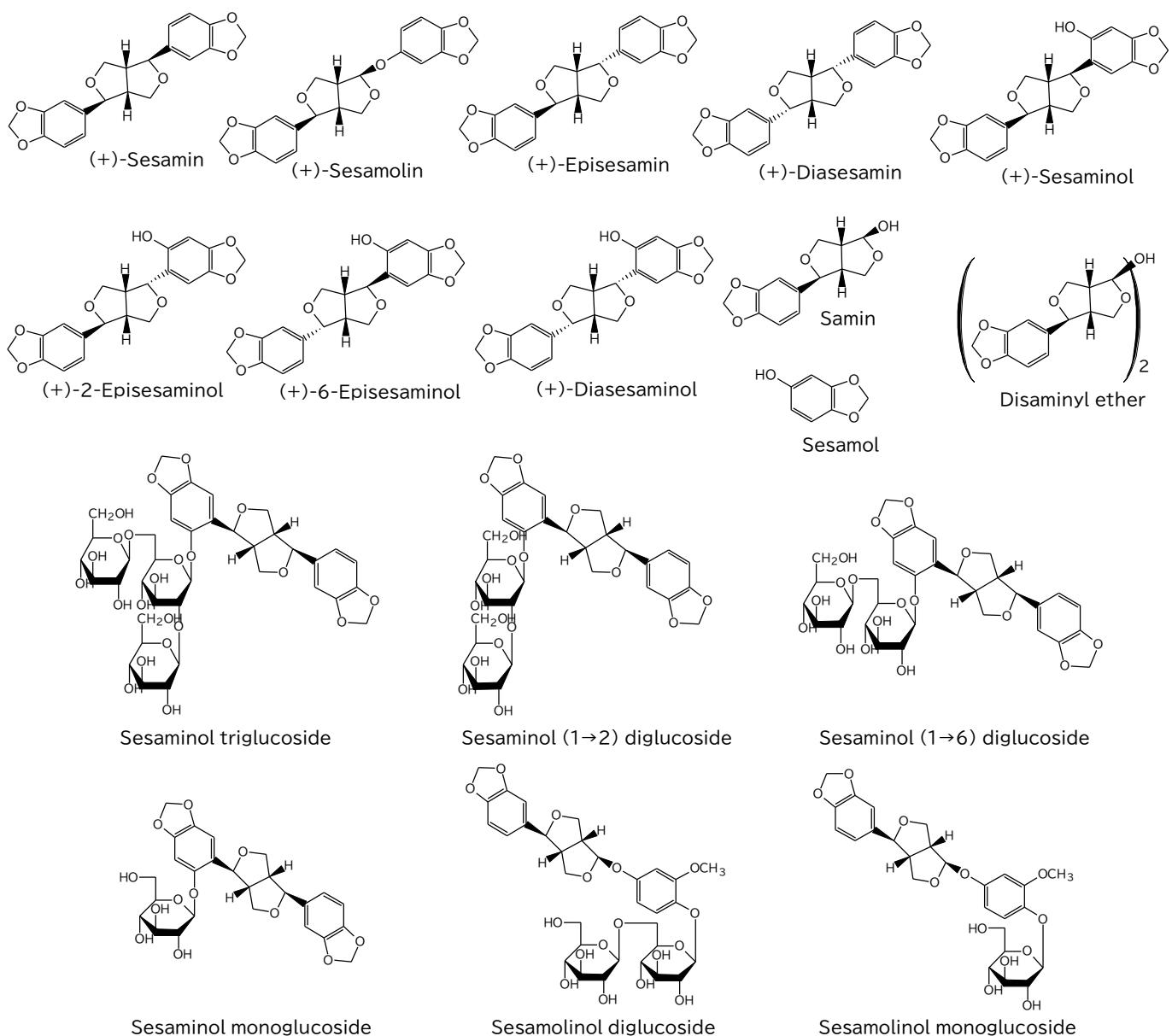
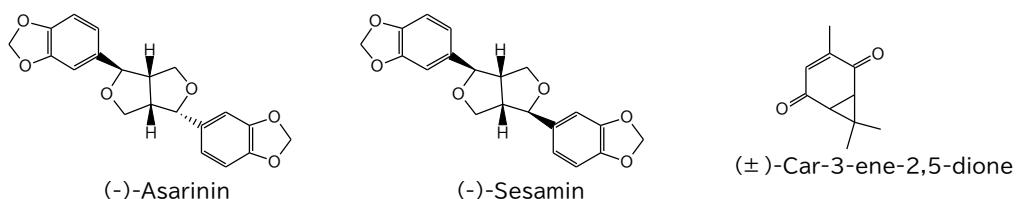
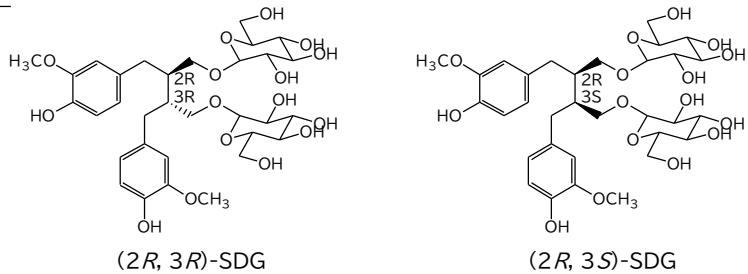
Rebaudioside A



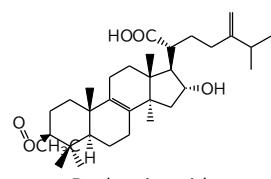
Rebaudioside C



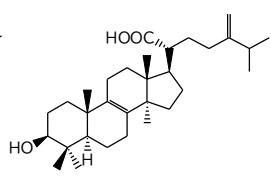
Dulcoside A

胡麻**細辛****亞麻仁**

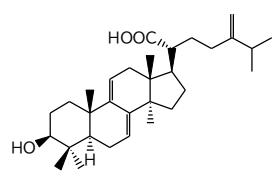
ブクリョウ



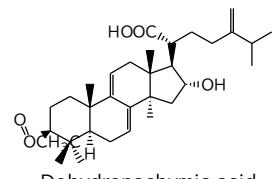
Pachymic acid



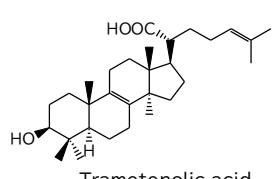
Eburicoic acid



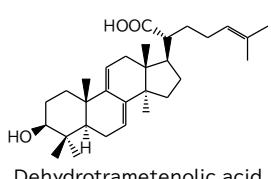
Dehydroeburicoic acid



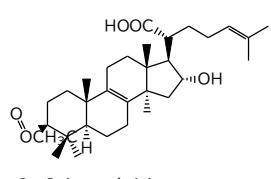
Dehydropachymic acid



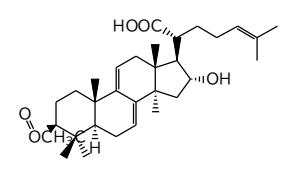
Trametenolic acid



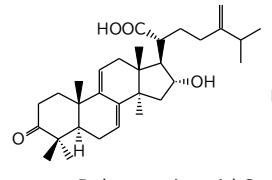
Dehydrotrametenolic acid



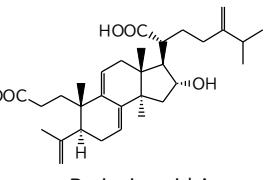
3-O-Acetyl-16a-hydroxytrametenolic acid



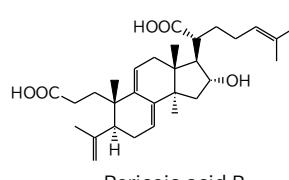
3-O-Acetyl-16a-hydroxydehydrotrametenolic acid



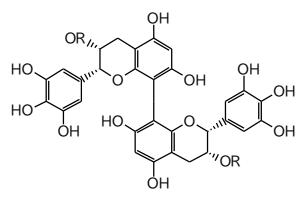
Polyporenic acid C



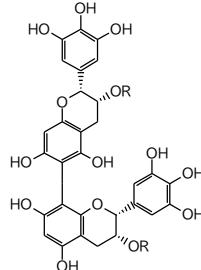
Poricoic acid A



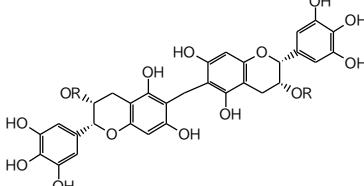
Poricoic acid B

Oolong tea

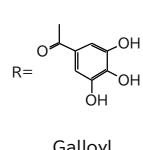
Oolonghomobisflavan A



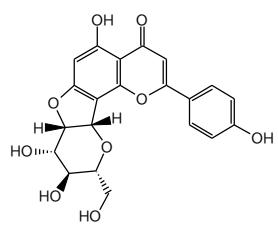
Oolonghomobisflavan B



Oolonghomobisflavan C

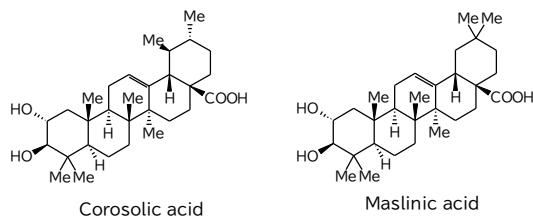


Galloyl

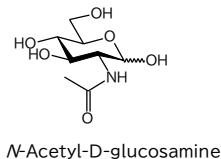


Chafurosides B

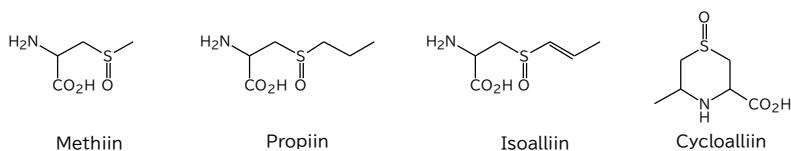
バナバ



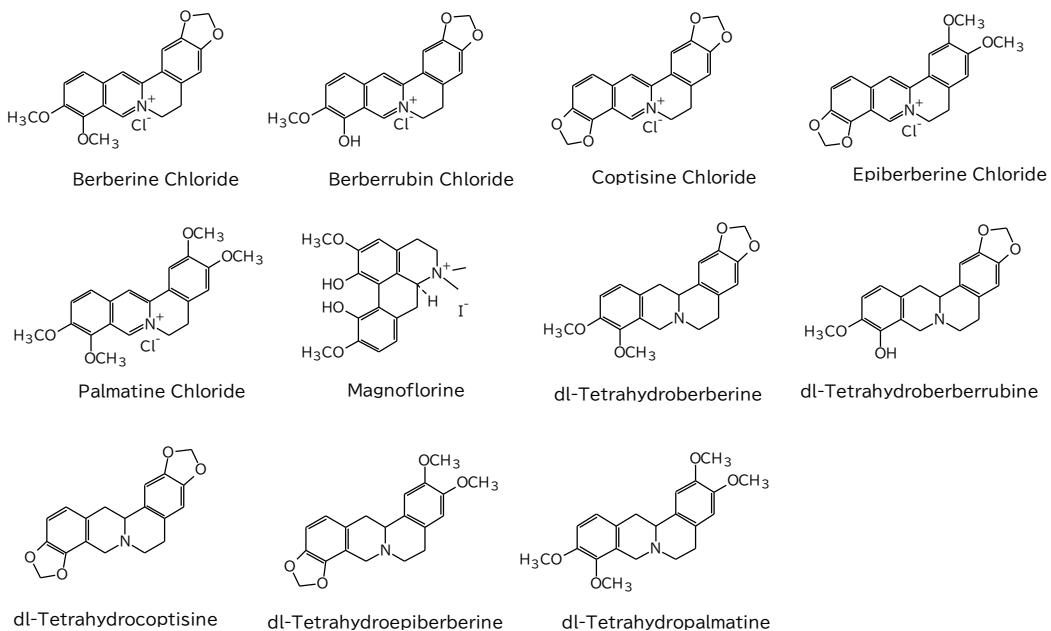
エビ・カニ



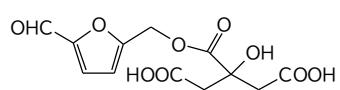
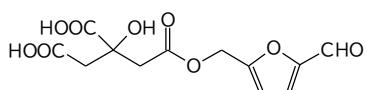
ニンニク、タマネギ



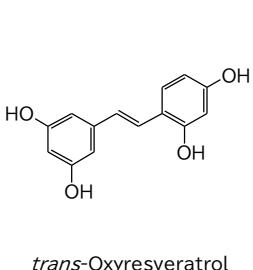
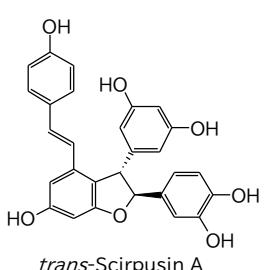
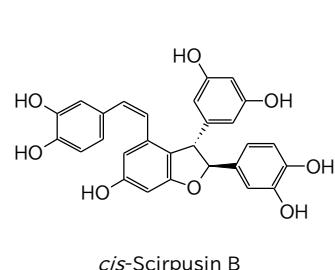
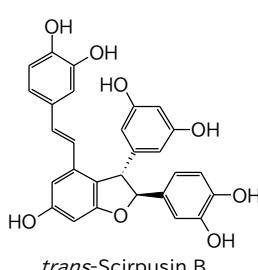
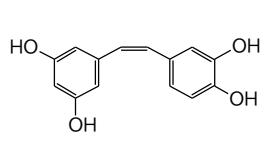
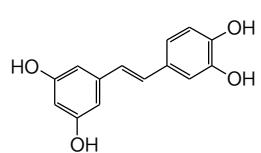
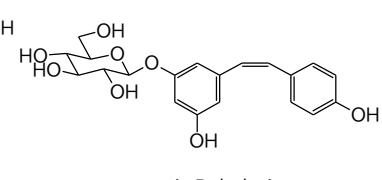
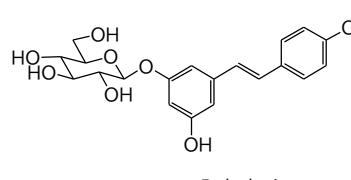
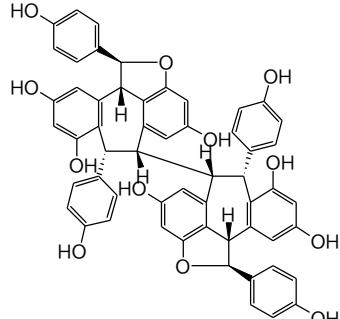
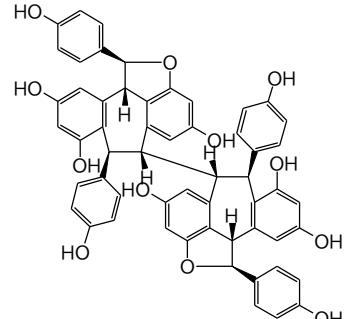
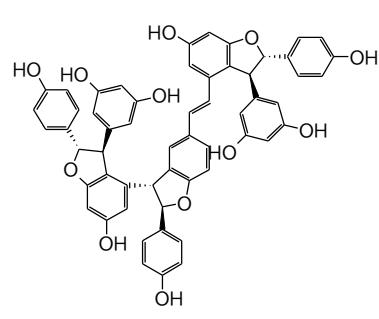
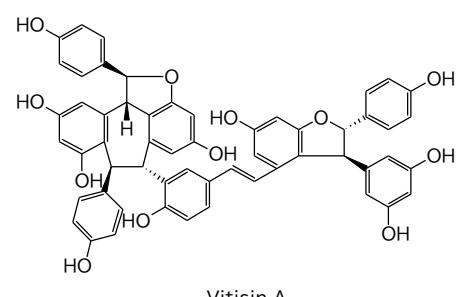
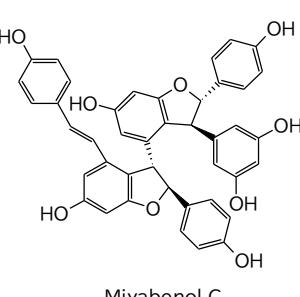
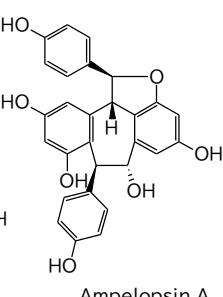
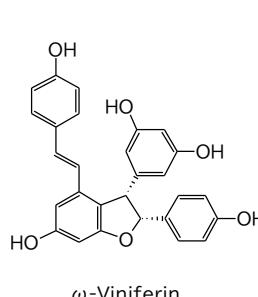
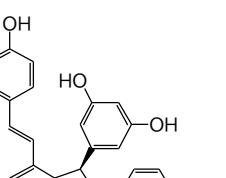
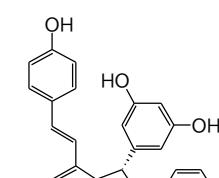
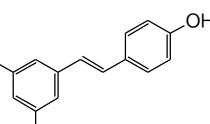
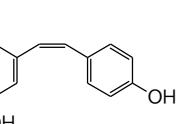
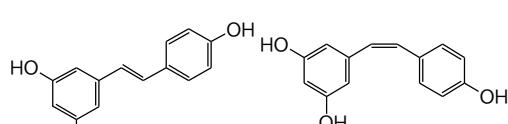
Coptis japonica



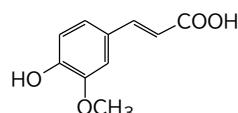
Mume



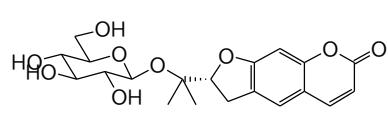
ブドウ、イタドリ、パッショントルーツ



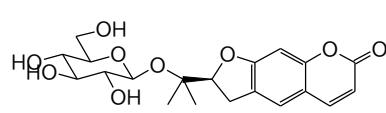
米糠フェルラ酸



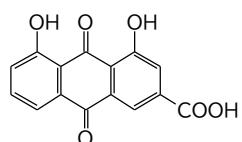
trans-Ferulic acid

Notopterygium incisum

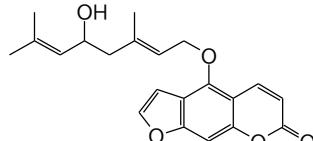
Nodakenin



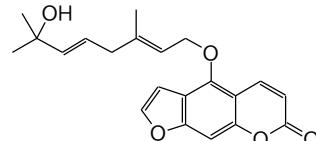
Marmesinin

Rheum palmatum

Rhein

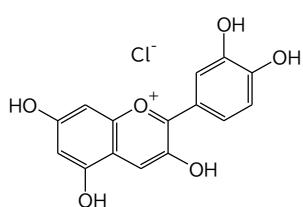


Notopterol

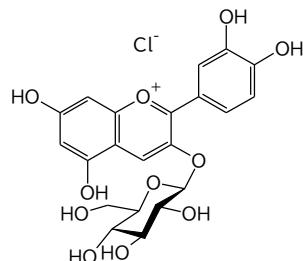


Notoptol

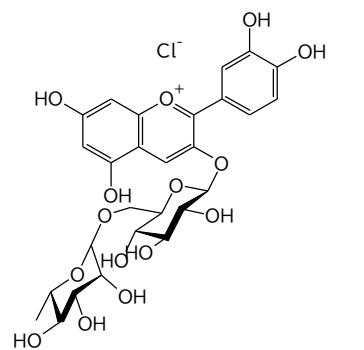
カシス、黒大豆他



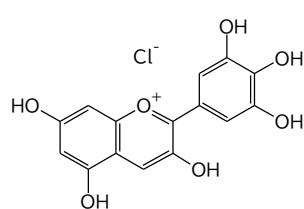
Cyanidin chloride



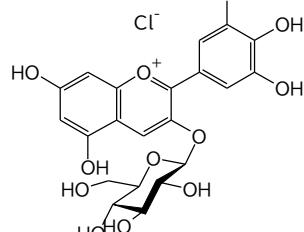
Cyanidin 3-glucoside chloride



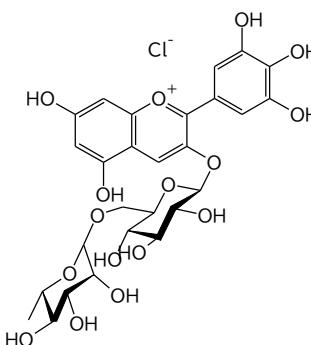
Cyanidin 3-rutinoside chloride



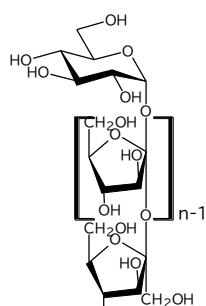
Delphinidin chloride



Delphinidin 3-glucoside chloride

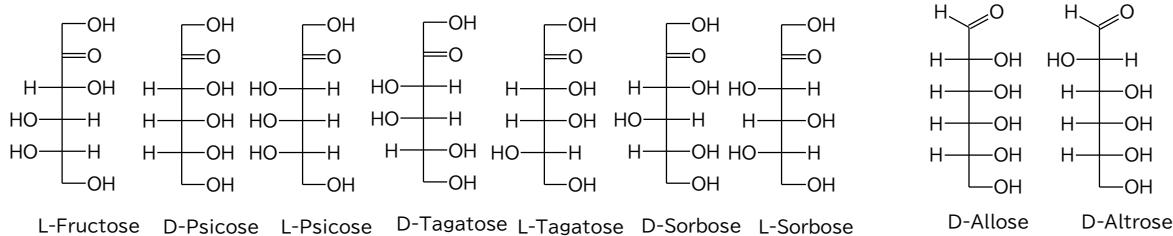


Delphinidin 3-rutinoside chloride

InulinGF_n n=4-19

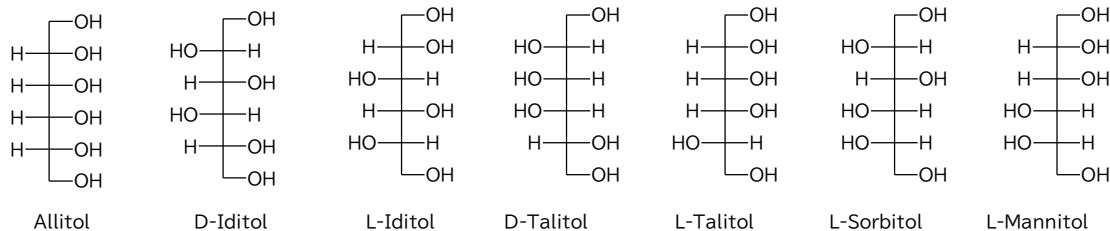
Rare Sugars

Ketohexoses

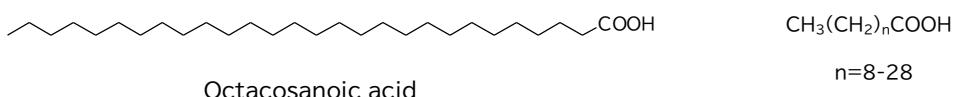


Aldohexoses

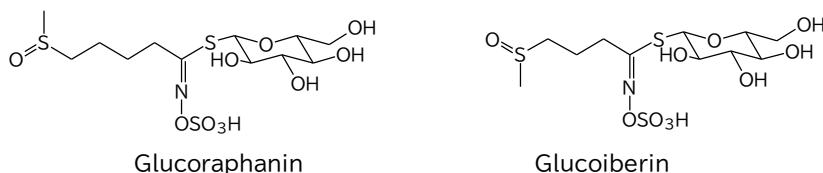
Sugar alcohols



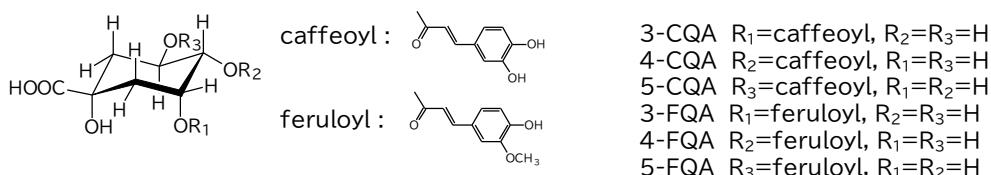
Saturated fatty acids



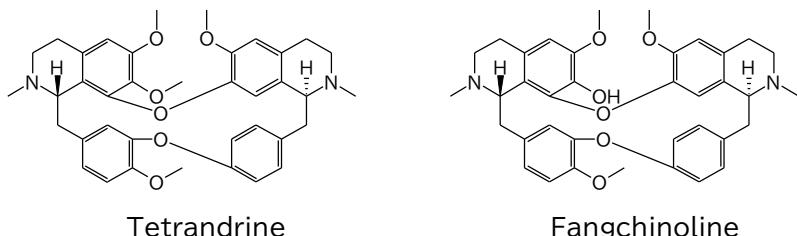
Broccoli



Coffee

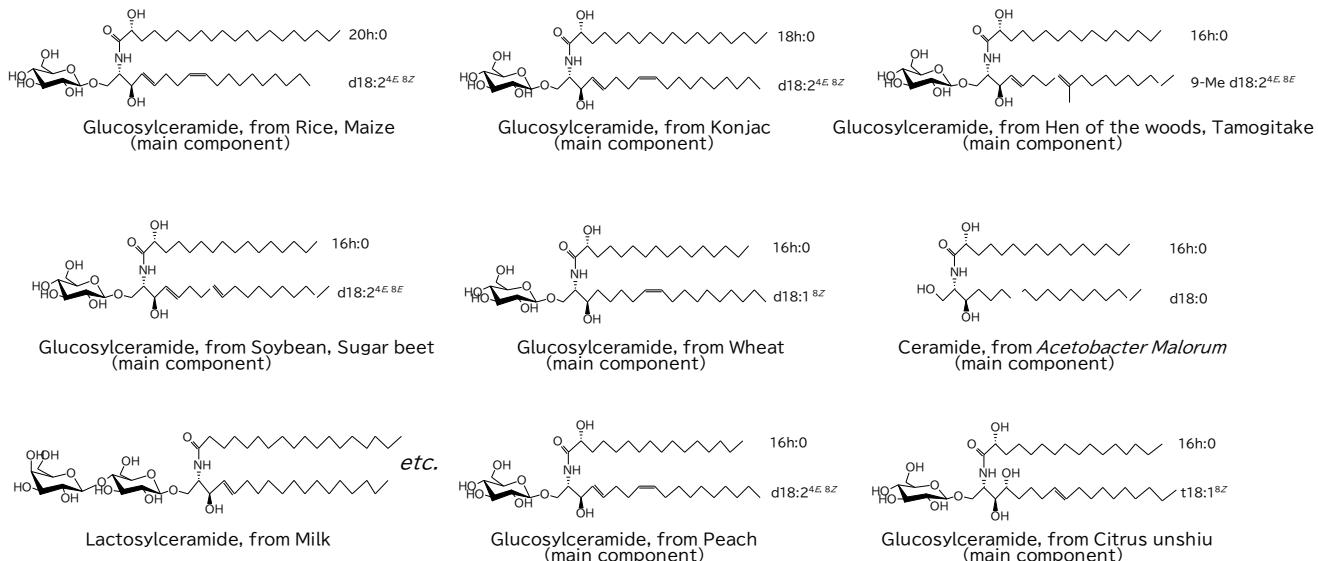


防己

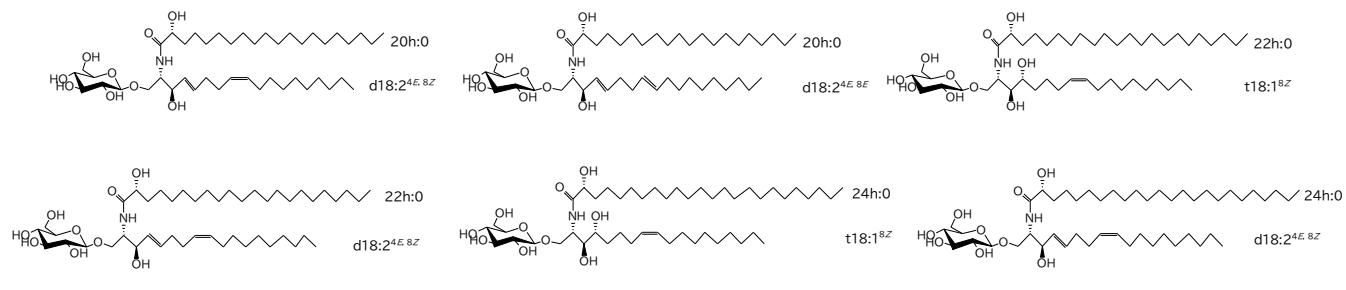


Glucosylceramides etc.

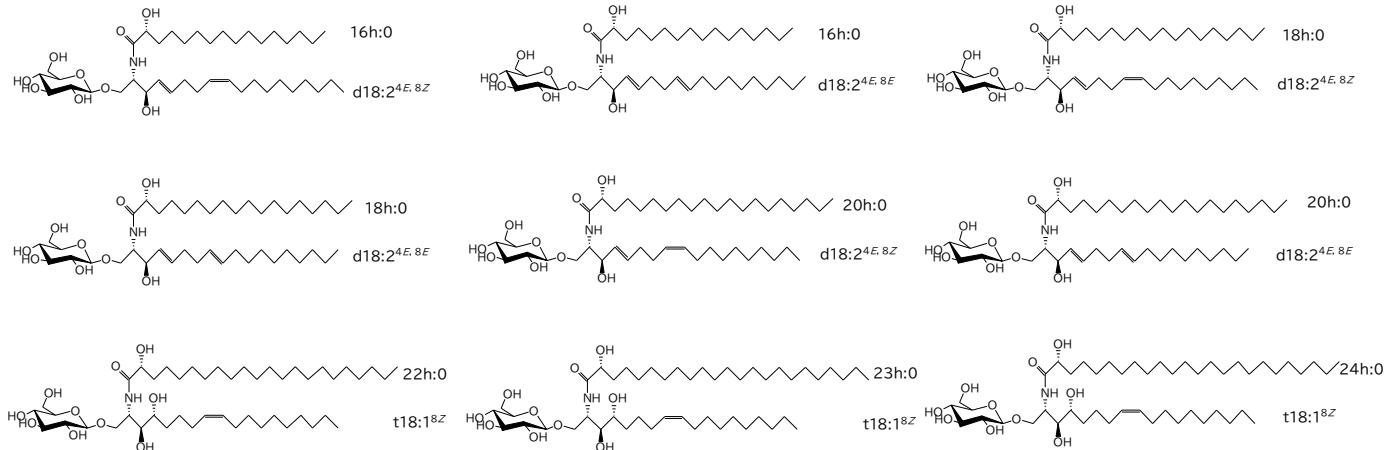
Nagara Science Co., Ltd. 2025.3



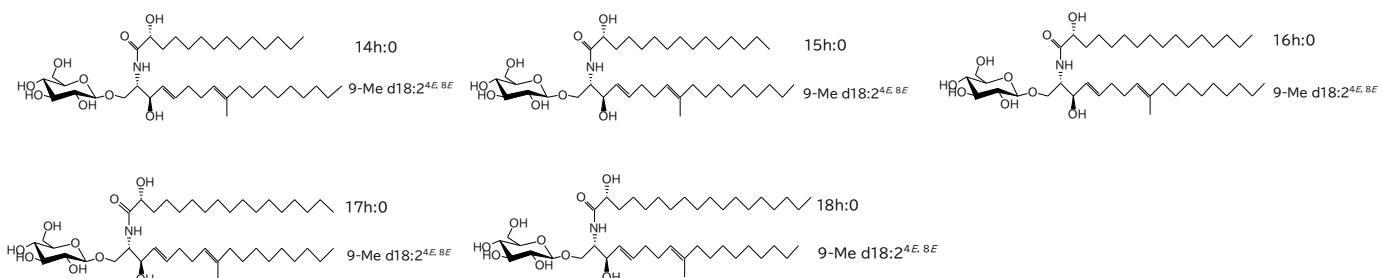
Glucosylceramide, from Rice



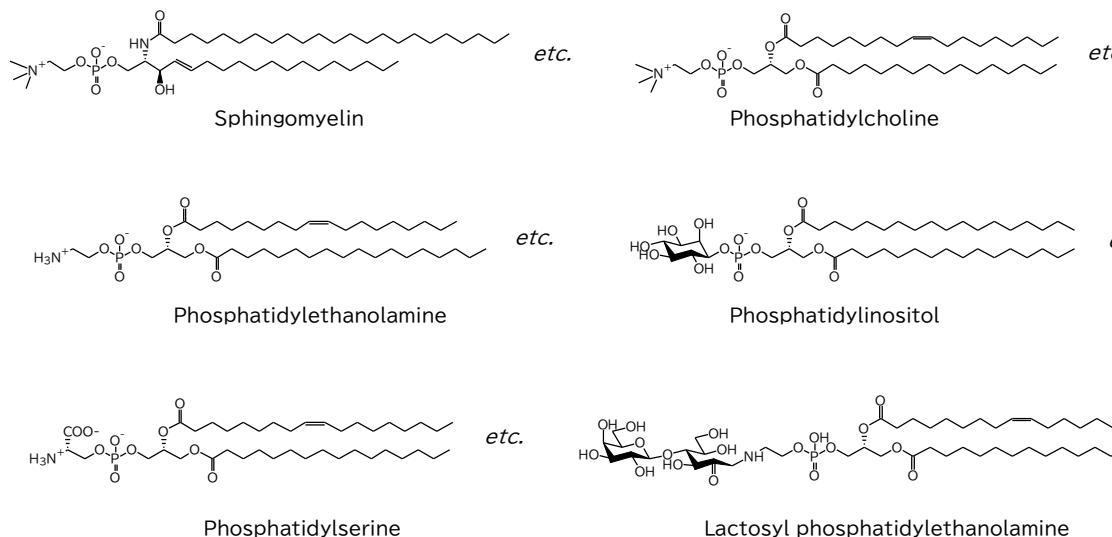
Glucosylceramide, from Konjac



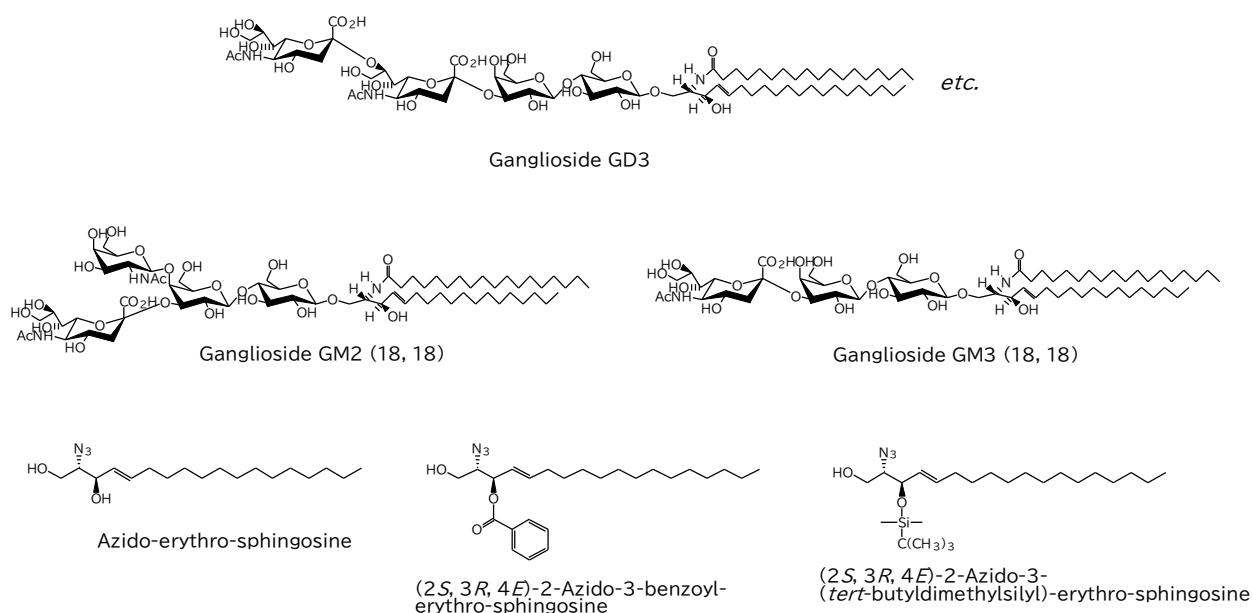
Glucosylceramide, from Hen of the woods, Tamogitake



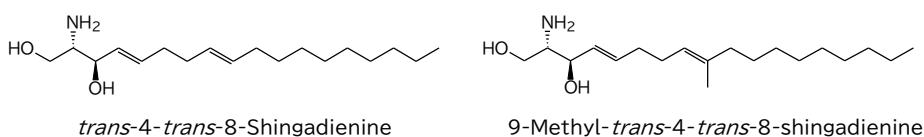
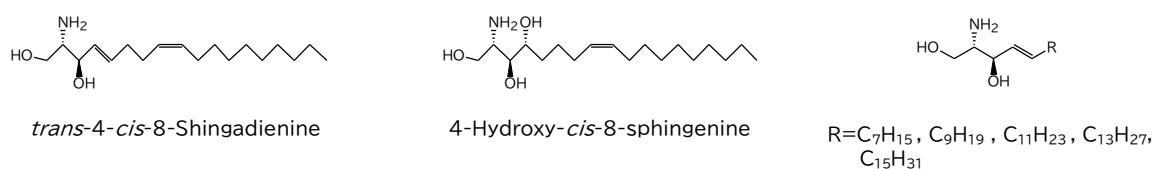
Phospholipids



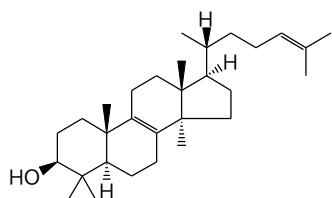
Gangliosides etc.



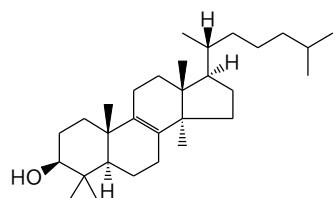
Sphingoid bases



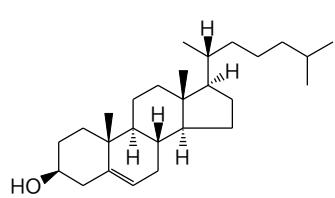
ラノリン・ステロイド



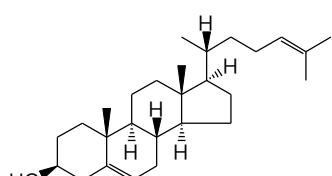
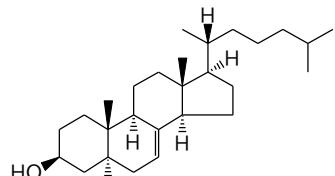
Lanosterol



24,25-Dihydrolanosterol

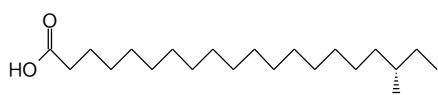


Cholesterol

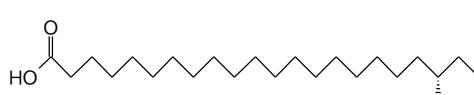
Desmosterol
(24-Dehydrocholesterol)

Lathosterol

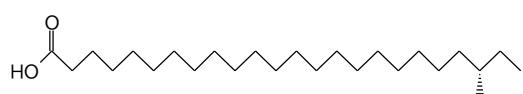
アンテイソ型ラノリン脂肪酸



18-Methyleicosanoic acid



20-Methyldocosanoic acid



22-Methyltetracosanoic acid



24-Methylhexacosanoic acid

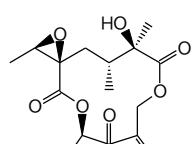
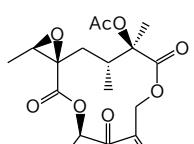
 ω -ヒドロキシ脂肪酸

30-Hydroxytriacontanoic acid

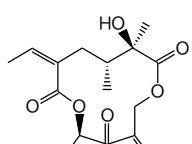


Methyl 30-hydroxytriacontanoate

ピロリジジニアルカロイド

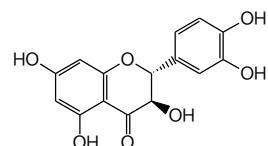
Petasitenine
(Fukinotoxin)

Neopetasitenine

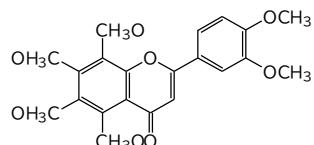


Senkirkine

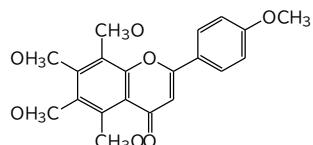
カラマツ

(+)-*trans*-Taxifolin

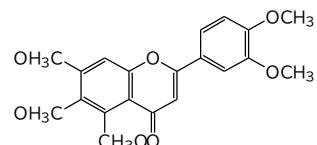
シークワーサー



Nobiletin

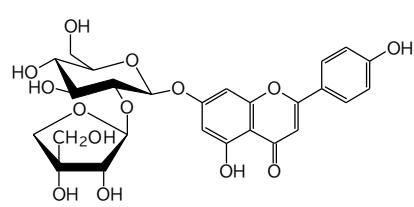


Tangeretin



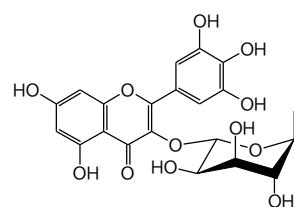
Sinensetin

パセリ



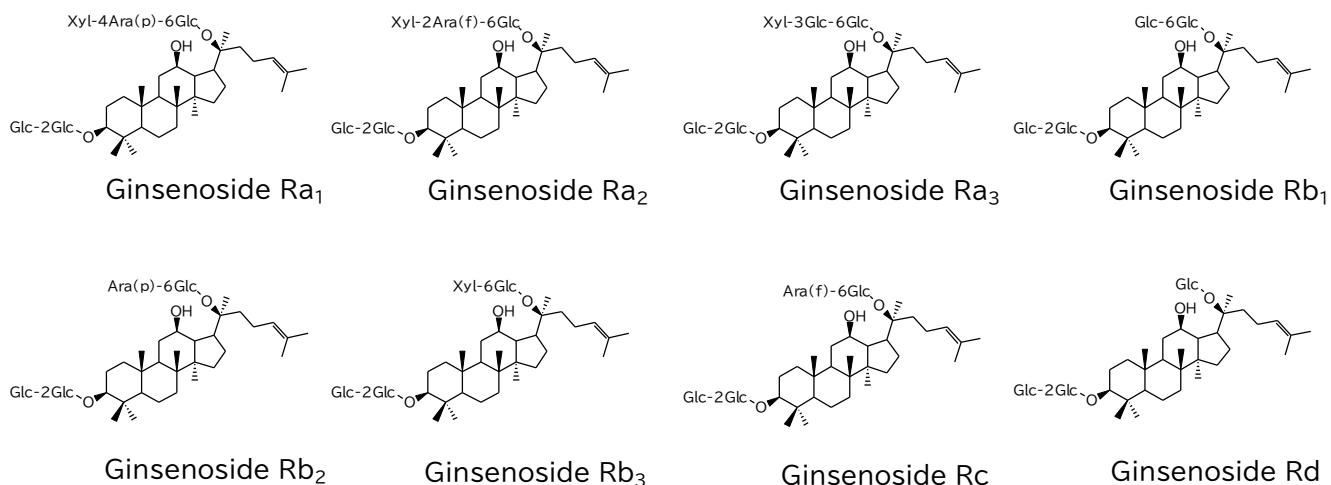
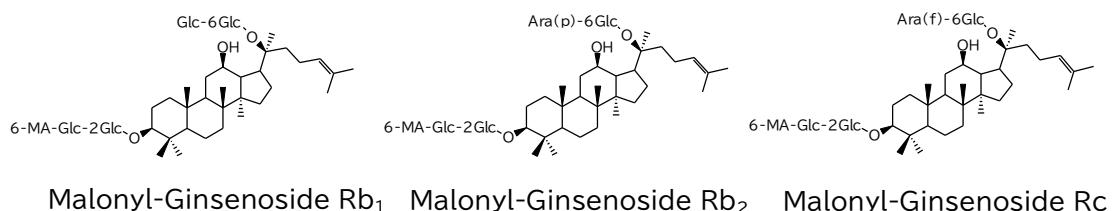
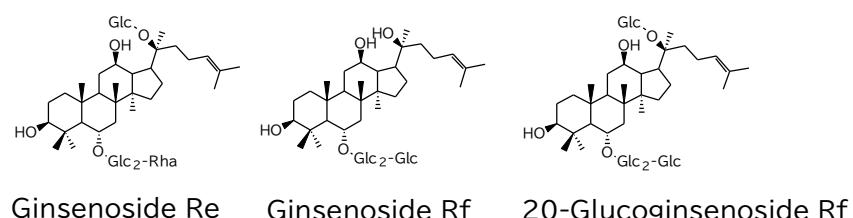
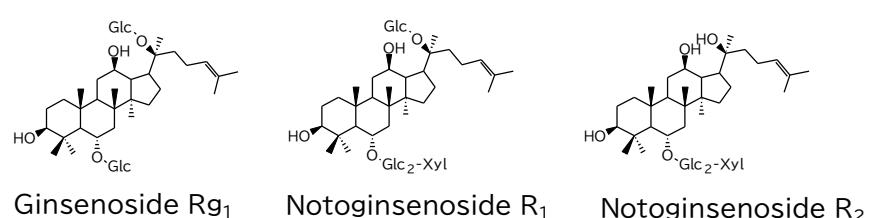
Apiin

楊梅皮

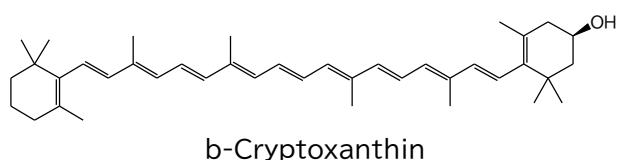


Myricitrin

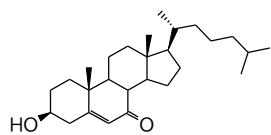
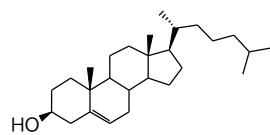
ニンジン

protopanaxadiol typeprotopanaxadiol type (malonyl)protopanaxatriol typeoleanonic acid type

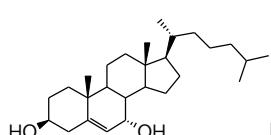
カロテノイド



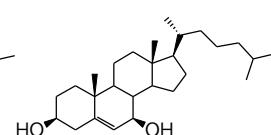
ステロール、酸化ステロール



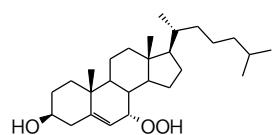
7-Keto cholesterol



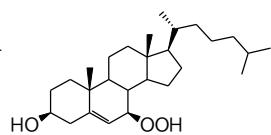
7a-Hydroxy cholesterol



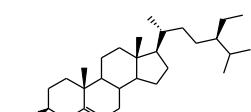
7b-Hydroxy cholesterol



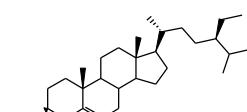
7a-Hydroperoxy cholesterol



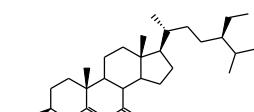
7b-Hydroperoxy cholesterol



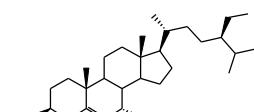
b-Sitosterol



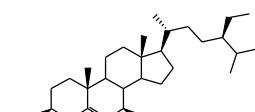
b-Sitosterol Acetate



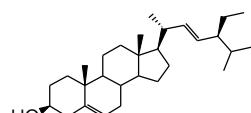
7-Keto b-sitosterol



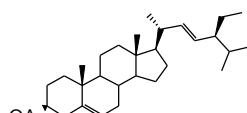
7a-Hydroxy b-sitosterol



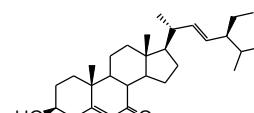
7b-Hydroxy b-sitosterol



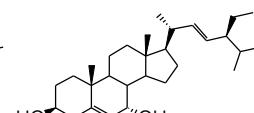
Stigmasterol



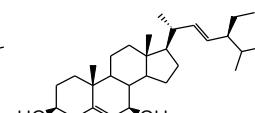
Stigmasterol Acetate



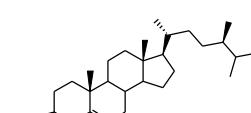
7-Keto stigmasterol



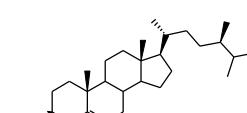
7a-Hydroxy stigmasterol



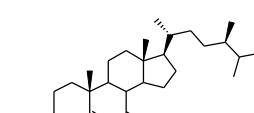
7b-Hydroxy stigmasterol



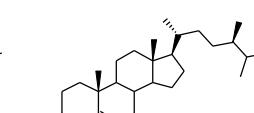
Campesterol



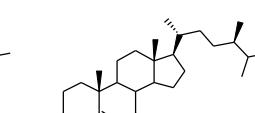
Campesterol Acetate



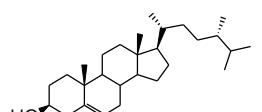
7-Keto campesterol



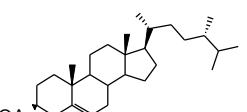
7a-Hydroxy campesterol



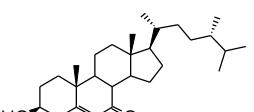
7b-Hydroxy campesterol



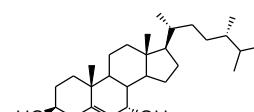
Dihydrobrassicasterol



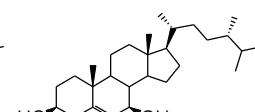
Dihydrobrassicasterol Acetate



7-Keto dihydrobrassicasterol

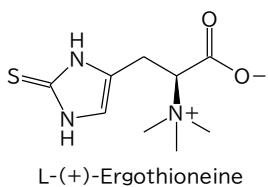


7a-Hydroxy dihydrobrassicasterol

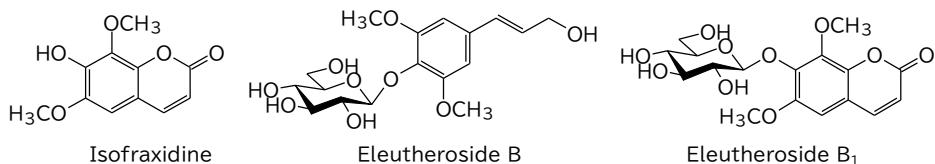


7b-Hydroxy dihydrobrassicasterol

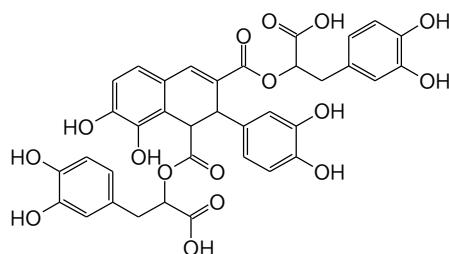
たもぎ茸



シゴカ／エゾウコギ

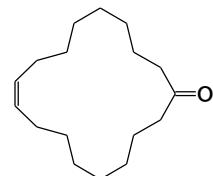


ハツカ



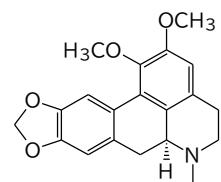
Dihydronaphthalene deriv. (Salvianolic acid L)

シベット



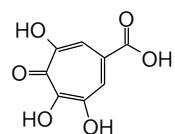
Civetone

南天実



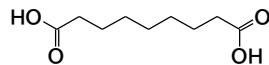
O-Methyldomesticine (Nantenine)

プベルル酸



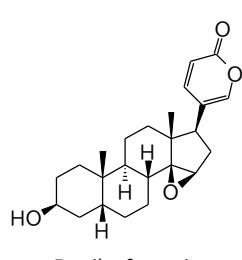
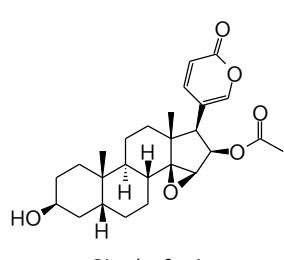
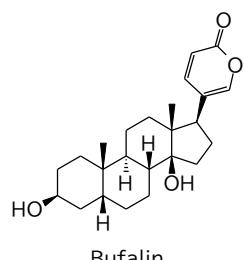
Puberulic acid

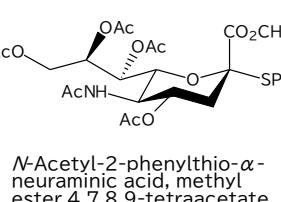
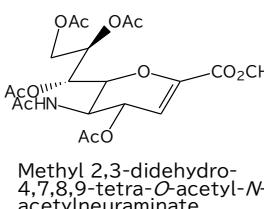
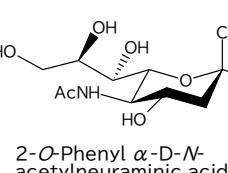
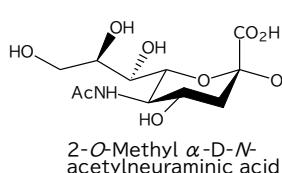
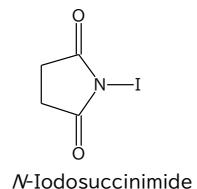
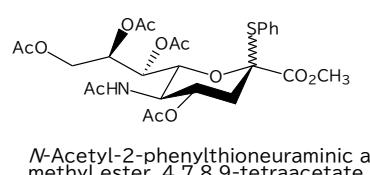
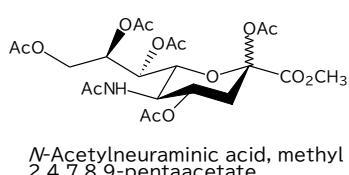
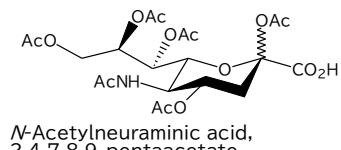
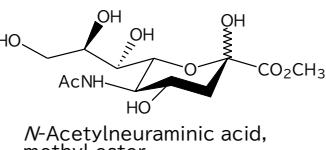
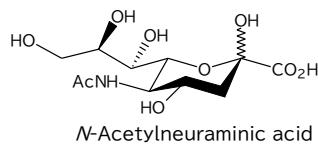
アゼライン酸



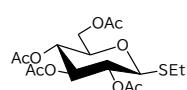
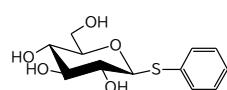
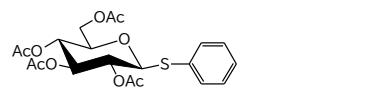
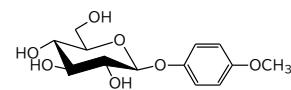
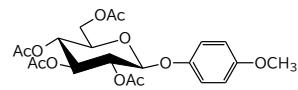
Azelaic acid

センソ

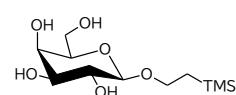
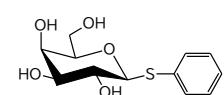
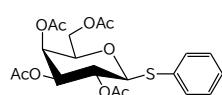
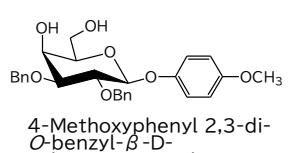
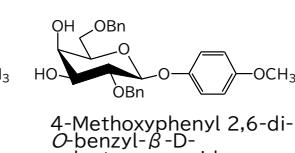
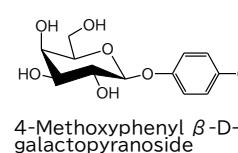
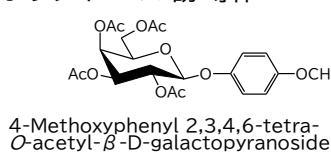




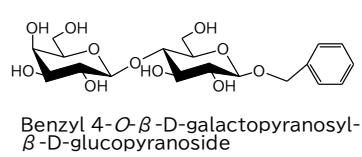
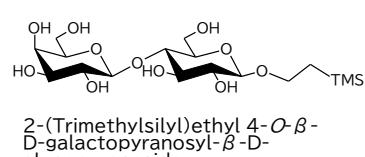
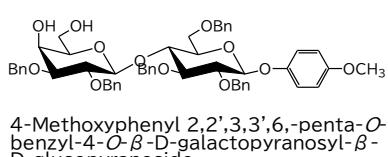
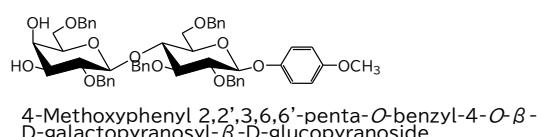
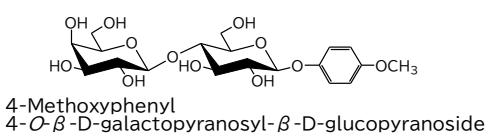
グルコース 誘導体

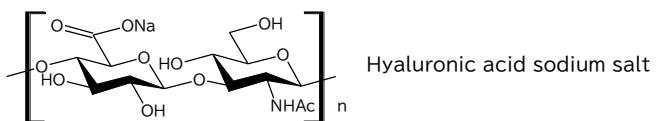
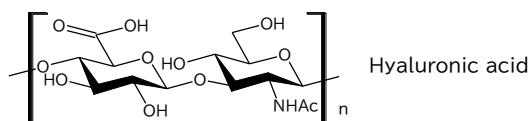


ガラクトース 誘導体

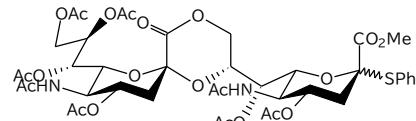
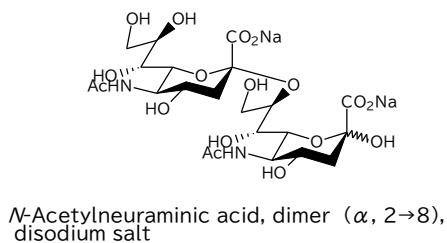


ラクトース 誘導体



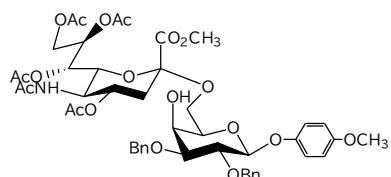


ジ シア ル 酸

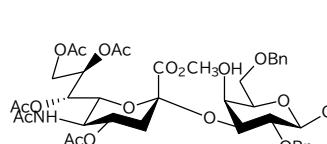


N-Acetyl-8-*O*-(*N*-acetyl-4',7',8',9'-tetra-*O*-acetyl- α -neuraminosyl)-2-*S*-phenyl-2-thio-neurameric acid, 1',9-ester, 1-methyl-ester, 4,7-diacetate

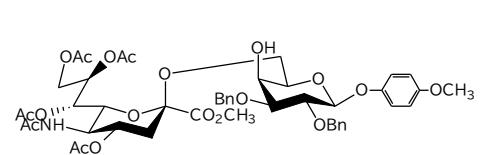
シ ア ル 酸 含 有 糖鎖 及 び そ の 保 護 体



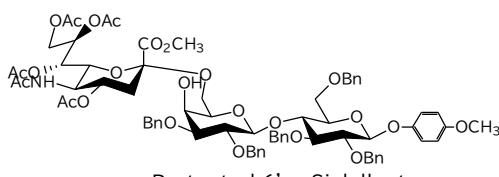
Protected 6'-a-Sialylgalactose



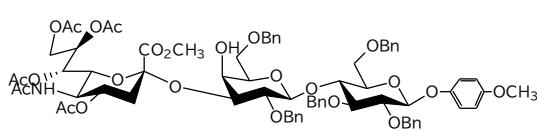
Protected 3'-a-Sialylgalactose



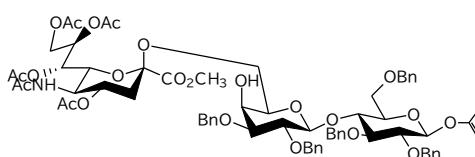
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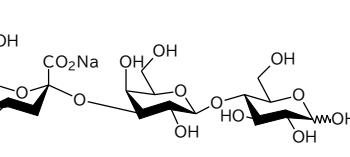
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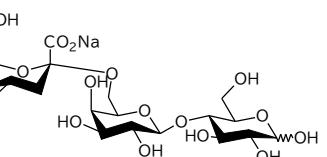
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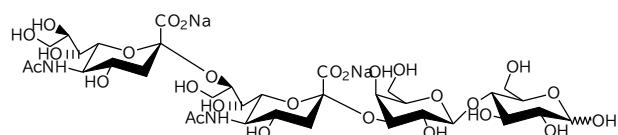
Protected 6'-b-Sialyllactose



3'-Sialyllactose sodium salt



6'-Sialyllactose sodium salt



Disialyllactose sodium salt