



Synonym(s): Ginsenoside F₂

CAS Registry Number: 62025-49-4

Molecular Formula: C₄₂H₇₂O₁₃

Molecular Weight: 785.023

Accurate Mass: 784.497295

Percentage Composition: C 64.26%; H 9.24%; O 26.50%

Biological Source: Isol. from *Panax* spp.

Physical Description: Powder + 2½H₂O

Optical Rotation: [α]_D²⁵ +21.1 (c, 1.14 in MeOH)

>>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1→2)- β -D-glucopyranoside], 20-*O*- β -D-glucopyranoside

Synonym(s): Vinaginsenoside R16

CAS Registry Number: 226712-37-4

Molecular Formula: C₄₇H₈₀O₁₇

Molecular Weight: 917.139

Accurate Mass: 916.539555

Percentage Composition: C 61.55%; H 8.79%; O 29.66%

Biological Source: Constit. of *Panax vietnamensis*

>>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1→2)- β -D-glucopyranoside], 20-*O*-[β -D-xylopyranosyl-(1→6)- β -D-glucopyranoside]

Synonym(s): Gynosaponin Q

CAS Registry Number: 80321-67-1

Molecular Formula: C₅₂H₈₈O₂₁

Molecular Weight: 1049.255

Accurate Mass: 1048.581815

Percentage Composition: C 59.53%; H 8.45%; O 32.02%

Biological Source: Constit. of *Gynostemma pentaphyllum*

>>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1→2)- β -D-glucopyranoside], 20-*O*-[α -L-rhamnopyranosyl-(1→6)- β -D-glucopyranoside]

Synonym(s): Gynosaponin R. Protopanaxadiol 20-rutinoside 3-sambubioside

CAS Registry Number: 80321-68-2

Molecular Formula: C₅₃H₉₀O₂₁

Molecular Weight: 1063.281

Accurate Mass: 1062.597465

Percentage Composition: C 59.87%; H 8.53%; O 31.60%

Biological Source: Constit. of *Gynostemma pentaphyllum*

>>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1→6)- β -D-glucopyranoside]

Synonym(s): Chikusetsusaponin Ia

CAS Registry Number: 59252-86-7

Molecular Formula: C₄₁H₇₀O₁₂

Molecular Weight: 754.997

Accurate Mass: 754.48673

Percentage Composition: C 65.23%; H 9.34%; O 25.43%

Biological Source: Constit. of *Panax japonicum*

Physical Description: Cryst. (CHCl₃/MeOH/EtOAc)

Melting Point: Mp 194°

Optical Rotation: [α]_D¹⁶ -3.5 (c, 1.4 in CHCl₃)