



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

Synonym(s): Gypenoside XV

CAS Registry Number: 88480-44-8

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*

Physical Description: Powder

Melting Point: Mp 180-182°

Optical Rotation: [α]_D²²+1.36 (c, 0.6 in MeOH)

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

Synonym(s): Gypenoside XVI

CAS Registry Number: 88480-45-9

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*

Physical Description: Powder

Melting Point: Mp 195-197°

Optical Rotation: [α]_D²²+0.39 (c, 2.9 in MeOH)

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

Synonym(s): Ginsenoside Rg₃

CAS Registry Number: 14197-60-5

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.

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

Synonym(s): Vinaginsenoside R17

CAS Registry Number: 226712-39-6

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-Glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-β-D-xylopyranoside

Synonym(s): Vinaginsenoside R18

CAS Registry Number: 226712-51-2

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*