Molecular Formula: $C_{60}H_{102}O_{28}$
Molecular Weight: 1271.449
Accurate Mass: 1270.65577
Percentage Composition: C 56.68%; H 8.09%; O 35.23%
Biological Source: Constit. of American ginseng (*Panax quinquefolium*)
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 192-194°
Optical Rotation: $[\alpha]_D^{28}$+24.4 (c, 0.25 in MeOH)

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

CAS Registry Number: 208764-53-8

Molecular Formula: $C_{50}H_{84}O_{19}$
Molecular Weight: 989.202
Accurate Mass: 988.560685
Percentage Composition: C 60.71%; H 8.56%; O 30.73%
Biological Source: Constit. of American ginseng (*Panax quinquefolium*)
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 167-169°
Optical Rotation: $[\alpha]_D^{28}$+24.3 (c, 0.25 in MeOH)

>>**Derivative:** 3-*O*-[6-*O*-Acetyl-β-D-glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-β-D-glucopyranoside
Synonym(s): Pseudoginsenoside R_{c1}

CAS Registry Number: 102805-32-3

Molecular Formula: $C_{50}H_{84}O_{19}$
Molecular Weight: 989.202
Accurate Mass: 988.560685
Percentage Composition: C 60.71%; H 8.56%; O 30.73%
Biological Source: Constit. of *Panax pseudoginseng*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{17}$+20.8 (c, 0.63 in MeOH)

>>**Derivative:** 3-*O*-[6-*O*-Acetyl-β-D-glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-[α-L-arabinopyranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Ginsenoside Rs_1

CAS Registry Number: 87733-67-3

Molecular Formula: $C_{55}H_{92}O_{23}$
Molecular Weight: 1121.318
Accurate Mass: 1120.602945
Percentage Composition: C 58.91%; H 8.27%; O 32.82%
Biological Source: Isol. from *Panax ginseng*
Physical Description: Powder + $2H_2O$
Optical Rotation: $[\alpha]_D^{16}$+19 (c, 1 in MeOH)

>>**Derivative:** 3-*O*-[6-*O*-Acetyl-β-D-glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-[β-D-glucopyranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Quinquenoside R_1

CAS Registry Number: 85013-02-1

Molecular Formula: $C_{56}H_{94}O_{24}$
Molecular Weight: 1151.344
Accurate Mass: 1150.61351
Percentage Composition: C 58.42%; H 8.23%; O 33.35%
Biological Source: Constit. of American ginseng (*Panax quinquefolium*)
Physical Description: Amorph. powder (EtOH/EtOAc)
Optical Rotation: $[\alpha]_D^{16}$+12 (c, 1 in MeOH)