Percentage Composition: C 60.87%; H 8.73%; O 30.41%
Biological Source: Constit. of *Panax ginseng*
Physical Description: Powder
Melting Point: Mp 206-209°
Optical Rotation: $[\alpha]_D^{22}$+19.4 (c, 1 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-[α-L-arabinofuranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Ginsenoside R_c

CAS Registry Number: 11021-14-0

Molecular Formula: $C_{53}H_{90}O_{22}$
Molecular Weight: 1079.281
Accurate Mass: 1078.59238
Percentage Composition: C 58.98%; H 8.40%; O 32.61%
Biological Source: Constit. of *Panax ginseng*
Physical Description: Powder
Melting Point: Mp 199-201°
Optical Rotation: $[\alpha]_D^{22}$+1.9 (c, 1 in MeOH)

Sigma: G0902

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-[α-L-arabinopyranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Ginsenoside R_{b2}

CAS Registry Number: 11021-13-9

Molecular Formula: $C_{53}H_{90}O_{22}$
Molecular Weight: 1079.281
Accurate Mass: 1078.59238
Percentage Composition: C 58.98%; H 8.40%; O 32.61%
Biological Source: Constit. of *Panax ginseng*
Physical Description: Powder
Melting Point: Mp 200-203°
Optical Rotation: $[\alpha]_D^{22}$+3 (c, 1 in MeOH)

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

CAS Registry Number: 105214-48-0

Molecular Formula: $C_{53}H_{90}O_{22}$
Molecular Weight: 1079.281
Accurate Mass: 1078.59238
Percentage Composition: C 58.98%; H 8.40%; O 32.61%
Biological Source: Isol. from *Gynostemma pentaphyllum*
Physical Description: Cryst. + $2.5H_2O$
Melting Point: Mp 212-214°
Optical Rotation: $[\alpha]_D^{22}$+7.9 (c, 3.8 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-[α-L-rhamnopyranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Gynosaponin E. Gypenoside V

CAS Registry Number: 80321-60-4

Molecular Formula: $C_{54}H_{92}O_{22}$
Molecular Weight: 1093.308
Accurate Mass: 1092.60803
Percentage Composition: C 59.32%; H 8.48%; O 32.19%
Biological Source: Constit. of *Gynostemma pentaphyllum* and *Gymnema sylvestre*
Physical Description: Cryst. + $3H_2O$
Melting Point: Mp 199-201°
Optical Rotation: $[\alpha]_D^{22}$+8.61 (c, 1.4 in MeOH)