Optical Rotation: $[\alpha]_D^{23}$ –30.5 (MeOH)

>>**Derivative:** 3-*O*-β-D-Glucopyranoside, 28-*O*-[D-apiofuranosyl-(1→3)-β-D-xylopyranosyl-(1→4)-2-*O*-acetyl-α-L-rhamnopyranosyl-(1→2)-α-L-arabinopyranosyl] ester
Synonym(s): Platycodin A

CAS Registry Number: 66779-34-8

Molecular Formula: $C_{59}H_{94}O_{29}$
Molecular Weight: 1267.374
Accurate Mass: 1266.588085
Percentage Composition: C 55.91%; H 7.48%; O 36.61%
Biological Source: Isol. from *Platycodon grandiflorum*
Physical Description: Powder + $1H_2O$
Melting Point: Mp 217-220.5 dec.°
Optical Rotation: $[\alpha]_D^{28}$ –26.6 (c, 1.7 in MeOH)

>>**Derivative:** 3-*O*-β-D-Glucopyranoside, 28-*O*-[β-D-apiofuranosyl-(1→3)-β-D-xylopyranosyl-(1→4)-3-*O*-acetyl-α-L-rhamnopyranosyl-(1→2)-α-L-arabinopyranosyl] ester
Synonym(s): Platycodin C

CAS Registry Number: 66779-35-9

Molecular Formula: $C_{59}H_{94}O_{29}$
Molecular Weight: 1267.374
Accurate Mass: 1266.588085
Percentage Composition: C 55.91%; H 7.48%; O 36.61%
Biological Source: Isol. from *Platycodon grandiflorum*
Physical Description: Powder
Melting Point: Mp 225-227 dec.°
Optical Rotation: $[\alpha]_D^{28}$ –28.3 (c, 1.14 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→3)-β-D-glucopyranoside], 28-*O*-[β-D-apiofuranosyl-(1→3)-β-D-xylopyranosyl-(1→4)-α-L-rhamnopyranosyl-(1→2)-α-L-arabinopyranosyl] ester
Synonym(s): Platycodin D_2

CAS Registry Number: 66663-90-9

Molecular Formula: $C_{63}H_{102}O_{33}$
Molecular Weight: 1387.479
Accurate Mass: 1386.630345
Percentage Composition: C 54.54%; H 7.41%; O 38.05%
Biological Source: Isol. from *Platycodon grandiflorum*
Melting Point: Mp 227-235°
Optical Rotation: $[\alpha]_D^{23}$ –27.9 (MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranoside], 28-*O*-[β-D-apiofuranosyl-(1→3)-β-D-xylopyranosyl-(1→4)-α-L-rhamnopyranosyl-(1→2)-α-L-arabinopyranosyl] ester
Synonym(s): Platycodin D_3

CAS Registry Number: 67884-03-1

Molecular Formula: $C_{63}H_{102}O_{33}$
Molecular Weight: 1387.479
Accurate Mass: 1386.630345
Percentage Composition: C 54.54%; H 7.41%; O 38.05%
Biological Source: Isol. from *Platycodon grandiflorum*
Melting Point: Mp 218-225°
Optical Rotation: $[\alpha]_D^{23}$ –24.3 (MeOH)