



CAS Registry Number: 146714-00-3

Molecular Formula: C₆₃H₉₆O₂₂

Molecular Weight: 1205.438

Accurate Mass: 1204.63933

Percentage Composition: C 62.77%; H 8.03%; O 29.20%

Biological Source: Constit. of the roots of *Calotropis gigantea*

Physical Description: Amorph. solid

Optical Rotation: $[\alpha]_D^{22} +12.2$ (c, 0.9 in CHCl₃)

>>**Derivative:** 12-Benzoyl, 3-*O*-[β-D-glucopyranosyl-(1→4)-6-deoxy-3-*O*-methyl-β-D-allopyranosyl-(1→4)-β-D-oleandropyranosyl-(1→4)-β-D-oleandropyranosyl-(1→4)-β-D-cymaropyranoside]

Molecular Formula: C₆₂H₉₄O₂₅

Molecular Weight: 1239.41

Accurate Mass: 1238.608425

Percentage Composition: C 60.08%; H 7.64%; O 32.27%

Biological Source: Constit. of *Leptadenia hastata*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{25} +164$ (c, 1 in MeOH)

>>**Derivative:** 12-Benzoyl, 3-*O*-[β-D-oleandropyranosyl-(1→4)-β-D-oleandropyranosyl-(1→4)-β-D-oleandropyranosyl-(1→4)-β-D-cymaropyranosyl-(1→4)-β-D-cymaropyranoside]

Synonym(s): Calotroposide C

CAS Registry Number: 146959-74-2

Molecular Formula: C₆₃H₉₆O₂₂

Molecular Weight: 1205.438

Accurate Mass: 1204.63933

Percentage Composition: C 62.77%; H 8.03%; O 29.20%

Biological Source: Constit. of the roots of *Calotropis gigantea*

Physical Description: Amorph. solid

Optical Rotation: $[\alpha]_D^{23} -1.9$ (c, 1.2 in CHCl₃)

>>**Derivative:** 12-(4-Hydroxybenzoyl)

Synonym(s): Qingyanshengenin

CAS Registry Number: 84745-94-8

Molecular Formula: C₂₈H₃₆O₈

Molecular Weight: 500.588

Accurate Mass: 500.24102

Percentage Composition: C 67.18%; H 7.25%; O 25.57%

Biological Source: Constit. of *Cynanchum otophyllum*, *Cynanchum wallichii* and *Marsdenia incisa*

>>**Derivative:** 12-(4-Hydroxybenzoyl), 3-*O*-[β-D-oleandropyranosyl-(1→4)-β-D-cymaropyranosyl-(1→4)-β-D-cymaropyranoside]

Synonym(s): Otophyllside A

CAS Registry Number: 106644-33-1

Molecular Formula: C₄₉H₇₂O₁₇

Molecular Weight: 933.098

Accurate Mass: 932.476955

Percentage Composition: C 63.07%; H 7.78%; O 29.15%

Biological Source: Constit. of *Cynanchum otophyllum*

Physical Description: Powder

Melting Point: Mp 165-168°

Optical Rotation: $[\alpha]_D^{20} +39.5$ (c, 2 in MeOH)

UV: [neutral] λ_{max} 203 (log ε 4.55); 261 (log ε 4.49); 300 (log ε 3.46) (MeOH)