



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: [α]_D²²+12.2 (c, 0.9 in CHCl₃)

>>>**Derivative:** 12-Benzoyl, 3-*O*-[β -D-glucopyranosyl-(1 $\rightarrow$ 4)-6-deoxy-3-*O*-methyl- β -D-allopyranosyl-(1 $\rightarrow$ 4)- β -D-oleandropyranosyl-(1 $\rightarrow$ 4)- β -D-oleandropyranosyl-(1 $\rightarrow$ 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: [α]_D²⁵+164 (c, 1 in MeOH)

>>>**Derivative:** 12-Benzoyl, 3-*O*-[β -D-oleandropyranosyl-(1 $\rightarrow$ 4)- β -D-oleandropyranosyl-(1 $\rightarrow$ 4)- β -D-oleandropyranosyl-(1 $\rightarrow$ 4)- β -D-cymaropyranosyl-(1 $\rightarrow$ 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: [α]_D²³-1.9 (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 $\rightarrow$ 4)- β -D-cymaropyranosyl-(1 $\rightarrow$ 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: [α]_D²⁰+39.5 (c, 2 in MeOH)

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