



>>Derivative: 3-*O*-[6-Deoxy-3-*O*-methyl-β-D-galactopyranoside]

Synonym(s): Uzarigenin digitaloside

CAS Registry Number: 61217-80-9

Molecular Formula: C₃₀H₄₆O₈

Molecular Weight: 534.689

Accurate Mass: 534.31927

Percentage Composition: C 67.39%; H 8.67%; O 23.94%

Biological Source: Isol. from roots of *Nerium odorum*

Physical Description: Cryst. (EtOAc/hexane)

Melting Point: Mp 239-240°

Optical Rotation: [α]_D²⁰+4.2 (MeOH)

>>Derivative: 3-*O*-(6-Deoxy-3-*O*-methyl-α-L-glucopyranoside)

Synonym(s): Thevefoline. Uzarigenin thevetoside

CAS Registry Number: 34302-25-5

Molecular Formula: C₃₀H₄₆O₈

Molecular Weight: 534.689

Accurate Mass: 534.31927

Percentage Composition: C 67.39%; H 8.67%; O 23.94%

Biological Source: Constit. of *Thevetia peruviana*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 260°

Optical Rotation: [α]_D²²-66 (MeOH)

Hazard & Toxicity: LD₅₀ (cat, ivn) 0.28 mg/kg

>>Derivative: 3-*O*-[2,6-Dideoxy-β-D-*arabino*-hexopyranoside]

Synonym(s): Uzarigenin canaroside

CAS Registry Number: 17063-58-0

Molecular Formula: C₂₉H₄₄O₇

Molecular Weight: 504.662

Accurate Mass: 504.308705

Percentage Composition: C 69.02%; H 8.79%; O 22.19%

Biological Source: Isol. from leaves of *Isoplexis chalcantha*

Physical Description: Needles (MeOH)

Melting Point: Mp 230-235°

Optical Rotation: [α]_D²⁵-27.7 (MeOH)

>>Derivative: 3-*O*-(2,6-Dideoxy-3-*O*-methyl-β-D-*lyxo*-hexopyranoside)

Synonym(s): Odoroside B. Uzarigenin diginoside

CAS Registry Number: 58407-69-5

Molecular Formula: C₃₀H₄₆O₇

Molecular Weight: 518.689

Accurate Mass: 518.324355

Percentage Composition: C 69.47%; H 8.94%; O 21.59%

Biological Source: Isol. from *Nerium odorum*

Physical Description: Needles (Me₂CO/Et₂O)

Melting Point: Mp 150°. Mp 200° (double Mp)

Optical Rotation: [α]_D-20 (CHCl₃)