



CAS Registry Number: 195516-51-9

Molecular Formula: C₃₅H₅₄O₁₄

Molecular Weight: 698.803

Accurate Mass: 698.35136

Percentage Composition: C 60.16%; H 7.79%; O 32.05%

Biological Source: Constit. of *Xysmalobium undulatum*

Physical Description: Plates

Optical Rotation: [α]_D²⁰ +2 (c, 0.2 in EtOH aq.)

>>**Variant:** (3 β ,5 α ,14 β ,17 β)-form

Synonym(s): Uzarigenin. Odorigenin B

CAS Registry Number: 466-09-1

Molecular Formula: C₂₃H₃₄O₄

Molecular Weight: 374.519

Accurate Mass: 374.24571

Percentage Composition: C 73.76%; H 9.15%; O 17.09%

General Statement: For 5-epimer see [JDJ71-C](#). Other stereoisomers are given in this entry

Biological Source: Aglycone from uzara root (*Gomphocarpus* spp.). Also isol. from *Asclepias*, *Isoplexis*, *Nerium*, *Pergularia*, *Xysmalobium*, *Mallotus* spp. and others

Biological Use/Importance: Cardiotonic agent

Physical Description: Cryst. (MeOH/CH₂Cl₂)

Melting Point: Mp 246-249°

Optical Rotation: [α]_D +14 (CHCl₃)

Calculated Log P Data: Log P 2.48 (uncertain value) (calc)

UV: [neutral] $\lambda_{\max}$ 217 (ϵ 19500) (MeOH) (Berdy)

>>**Derivative:** 3-*O*-Sulfate

CAS Registry Number: 3913-83-5

Molecular Formula: C₂₃H₃₄O₇S

Molecular Weight: 454.583

Accurate Mass: 454.202525

Percentage Composition: C 60.77%; H 7.54%; O 24.64%; S 7.05%

Biological Source: Constit. of *Adonis aleppica*

Physical Description: Cryst.

Melting Point: Mp 242°

Optical Rotation: [α]_D²⁰ +11 (c, 2 in MeOH)

UV: [neutral] $\lambda_{\max}$ 217 (log ϵ 4.07) (no solvent reported)

>>**Derivative:** 3-*O*-(3-*O*-Methyl- α -L-rhamnopyranoside)

Synonym(s): Neriifoside

CAS Registry Number: 145921-45-5

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 neriifolia*

Physical Description: Needles

Melting Point: Mp 210-212°