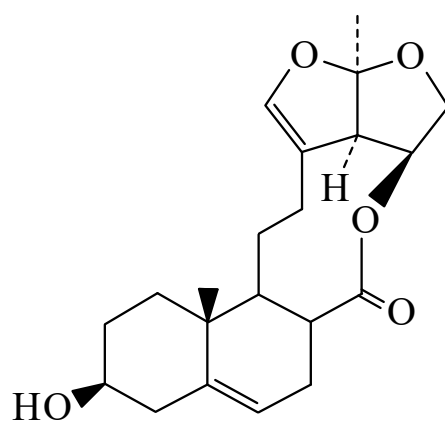




>>Entry Name: Glaucogenin C



CAS Registry Number: 82001-38-5

Molecular Formula: C₂₁H₂₈O₅

Molecular Weight: 360.449

Accurate Mass: 360.193675

Percentage Composition: C 69.98%; H 7.83%; O 22.19%

Physical Description: Needles

Melting Point: Mp 205-206°

Optical Rotation: [α]_D +83.2 (c, 1.0 in MeOH)

>>Derivative: Ac

Molecular Formula: C₂₃H₃₀O₆

Molecular Weight: 402.486

Accurate Mass: 402.20424

Percentage Composition: C 68.64%; H 7.51%; O 23.85%

Melting Point: Mp 234°

Optical Rotation: [α]_D +10.9 (c, 0.34 in CDCl₃)

>>Derivative: 3-O- β -D-Thevetoside

CAS Registry Number: 82001-46-5

Molecular Formula: C₂₈H₄₀O₉

Molecular Weight: 520.619

Accurate Mass: 520.267235

Percentage Composition: C 64.60%; H 7.74%; O 27.66%

Biological Source: Constit. of *Cynanchum glaucescens*, the Chinese drug ``Pai-ch'ien''

Physical Description: Cryst.

Melting Point: Mp 187-190.5°

Optical Rotation: [α]_D +27.4 (c, 1.03 in CHCl₃)

>>Derivative: 3-O- β -D-Oleandropyranoside

Synonym(s): Cynatratoside A

CAS Registry Number: 97399-96-7

Molecular Formula: C₂₈H₄₀O₈

Molecular Weight: 504.619

Accurate Mass: 504.27232

Percentage Composition: C 66.65%; H 7.99%; O 25.36%

Biological Source: Isol. from dried root of *Cynanchum atratum* (Pai-Wei)

Physical Description: Needles + ½H₂O

Melting Point: Mp 209-210°

Optical Rotation: [α]_D +15.5 (c, 1.00 in MeOH)

Other Data: Prob. artifact