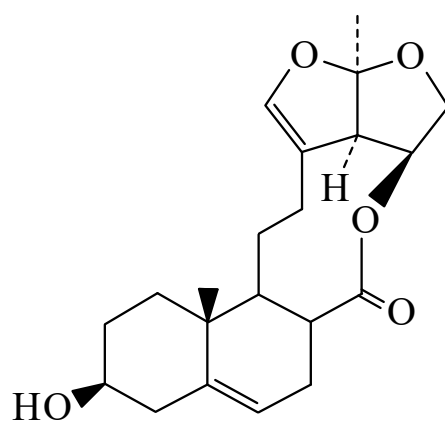




>>Entry Name: Glaucogenin C



CAS Registry Number: 82001-38-5

Molecular Formula: $C_{21}H_{28}O_5$

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: $[\alpha]_D +83.2$ (c, 1.0 in MeOH)

>>Derivative: Ac

Molecular Formula: $C_{23}H_{30}O_6$

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: $[\alpha]_D +10.9$ (c, 0.34 in $CDCl_3$)

>>Derivative: 3-O- β -D-Thevetoside

CAS Registry Number: 82001-46-5

Molecular Formula: $C_{28}H_{40}O_9$

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: $[\alpha]_D +27.4$ (c, 1.03 in $CHCl_3$)

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

Synonym(s): Cynatratoside A

CAS Registry Number: 97399-96-7

Molecular Formula: $C_{28}H_{40}O_8$

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 + $\frac{1}{2}H_2O$

Melting Point: Mp 209-210°

Optical Rotation: $[\alpha]_D +15.5$ (c, 1.00 in MeOH)

Other Data: Prob. artifact