



Melting Point: Mp 267-269°
Optical Rotation: $[\alpha]_{\text{D}}^{14} -27.8$ (CHCl₃)
Aldrich: 85502-2

>>Variant: 3β-form

Synonym(s): Epifriedelanol

CAS Registry Number: 16844-71-6

Molecular Formula: C₃₀H₅₂O
Molecular Weight: 428.74
Accurate Mass: 428.401815
Percentage Composition: C 84.04%; H 12.22%; O 3.73%
Biological Source: Widespread in plants
Physical Description: Cryst. (CHCl₃/MeOH)
Melting Point: Mp 287-288° (*in vacuo*)
Optical Rotation: $[\alpha]_{\text{D}}^{25} +22$ (c, 0.3 in CHCl₃)

>>Derivative: Ac

CAS Registry Number: 2259-07-6

Molecular Formula: C₃₂H₅₄O₂
Molecular Weight: 470.777
Accurate Mass: 470.41238
Percentage Composition: C 81.64%; H 11.56%; O 6.80%
Biological Source: Isol. from *Polyanthina nemorosa*, *Sonchus asper* and others

>>Derivative: Hexadecanoyl

Synonym(s): Holoptelin A

Molecular Formula: C₄₆H₈₂O₂
Molecular Weight: 667.153
Accurate Mass: 666.63148
Percentage Composition: C 82.82%; H 12.39%; O 4.80%
Biological Source: Constit. of *Holoptelea integrifolia*

>>Derivative: Octadecanoyl

Synonym(s): Holoptelin B

Molecular Formula: C₄₈H₈₆O₂
Molecular Weight: 695.206
Accurate Mass: 694.66278
Percentage Composition: C 82.93%; H 12.47%; O 4.60%
Biological Source: Constit. of *Holoptelea integrifolia*

>>Variant: 4α-form

Molecular Formula: C₃₀H₅₂O
Molecular Weight: 428.74
Accurate Mass: 428.401815
Percentage Composition: C 84.04%; H 12.22%; O 3.73%

>>Derivative: 3-Ketone

Synonym(s): 4-Epifriedelin

CAS Registry Number: 19865-96-4

Molecular Formula: C₃₀H₅₀O
Molecular Weight: 426.724
Accurate Mass: 426.386165
Percentage Composition: C 84.44%; H 11.81%; O 3.75%
Biological Source: Constit. of *Syzygium formosanum*
Physical Description: Needles (EtOAc/hexane)
Melting Point: Mp 242-245°
Optical Rotation: $[\alpha]_{\text{D}} +2.7$ (c, 0.19 in CHCl₃)