



Accurate Mass: 442.38108
Percentage Composition: C 81.39%; H 11.38%; O 7.23%
Biological Source: Isol. from *Glochidion multiloculare*
Physical Description: Cryst. (CHCl₃)
Melting Point: Mp 235°
Optical Rotation: [α]_D +17 (CHCl₃)

>>**Variant:** (1 β ,3 β)-form

CAS Registry Number: 29028-10-2

Molecular Formula: C₃₀H₅₀O₂
Molecular Weight: 442.724
Accurate Mass: 442.38108
Percentage Composition: C 81.39%; H 11.38%; O 7.23%
Biological Source: Isol. from *Glochidion* spp., *Nepeta hindostana* and *Salvia deserta*
Physical Description: Cryst.
Melting Point: Mp 251-252°

>>**Derivative:** 3-Ketone

Synonym(s): 1 β -Hydroxy-20(29)-lupen-3-one. **Glochidonol**

CAS Registry Number: 23963-54-4

Molecular Formula: C₃₀H₄₈O₂
Molecular Weight: 440.708
Accurate Mass: 440.36543
Percentage Composition: C 81.76%; H 10.98%; O 7.26%
Biological Source: Isol. from *Glochidion wrightii*
Physical Description: Powder (petrol)
Melting Point: Mp 228°

>>**Derivative:** Diketone

Synonym(s): **20(29)-Lupene-1,3-dione**

CAS Registry Number: 6610-60-2

Molecular Formula: C₃₀H₄₆O₂
Molecular Weight: 438.692
Accurate Mass: 438.34978
Percentage Composition: C 82.14%; H 10.57%; O 7.29%
Biological Source: Isol. from *Glochidion* spp.
Physical Description: Cryst. (MeOH)
Melting Point: Mp 198-199°

References:

- Ganguly, A.K. *et al.*, *Tetrahedron*, 1966, **22**, 1513, (*Glochidiol*)
Hui, W.-H. *et al.*, *J.C.S.(C)*, 1969, 1710, (*Glochidonol*)
Talapatra, S.K. *et al.*, *Chem. Ind. (London)*, 1973, 1033, (*Glochilocudiol*)
González, A.G. *et al.*, *An. Quim.*, 1977, **73**, 105, (*synth*)
Hui, W.-H. *et al.*, *Phytochemistry*, 1978, **17**, 156, (*isol*)
Carpenter, R.C. *et al.*, *Org. Magn. Reson.*, 1980, **14**, 462, (*cmr*)
Ayer, W.A. *et al.*, *Tetrahedron*, 1984, **40**, 2069, (*isol*)
Savona, G. *et al.*, *Phytochemistry*, 1987, **26**, 3305, (*cmr*)
Srivastava, R. *et al.*, *Phytochemistry*, 1988, **27**, 3575, (*isol*, *pmr*)