

Glochidonol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Glochidonol

Catalog No.: CFN98248

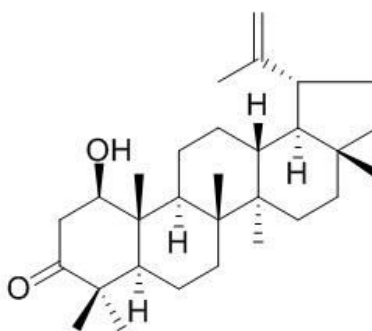
Cas No.: 23963-54-4

Purity: > 95%

M.F: C₃₀H₄₈O₂

M.W: 440.7

Physical Description: Powder



Synonyms: (1 β)-1-Hydroxylup-20(29)-en-3-one; 7,3',4'-Trihydroxy-5-methoxy-5'-prenylisoflavone.

[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The herbs of *Flueggea virosa* (Roxb. ex Willd.) Baill.

[Biological Activity or Inhibitors]

Glochidonol exhibits strong inhibitory effects against three human tumor cell lines, MCF-7, NCI-H-460 and SF-268, the $GI_{(50)}$ values of 9.0 +/- 3.7, 4.9 +/- 0.2 and 9.8 +/- 0.5, respectively; it also exerts its antiproliferative activity through the involvement of apoptosis.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]

Not data available.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Puapairoj P, Naengchomnong W, Kijjoa A, *et al. Planta Med.*,2005,71(03):208-13.

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