

Jolkinolide A Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Jolkinolide A

Catalog No.: CFN92871

Cas No.: 37905-07-0

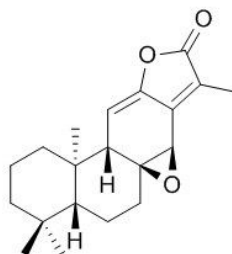
Purity: >=95%

M.F: C₂₀H₂₆O₃

M.W: 314.42

Physical Description: Cryst.

Synonyms: (5beta,9beta,10alpha,14beta)-8,14:12,16-diepoxyabieta-11,13(15)-dien-16-one.



[Intended Use]

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

[Source]

The herbs of *Swertia bimaculata*.

[Biological Activity or Inhibitors]

Jolkinolides are naturally occurring tetracyclic diterpene from *Euphorbia genus*, which exhibit promising antitumor and other biological activity.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O=75:25 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 250 nm.

[Storage]

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

[References]

[1] Shi L Y, Wu J Q, Zhang D Y, *et al. Synthesis*, 2011, 2011(23):3807-14.

[2] Qiao C, Han Q, He Z, *et al. Chinese Journal of Pharmaceutical Analysis*, 2006, 26(9):1204-6.

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