



Epifriedelanol acetate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Epifriedelanol acetate

Catalog No.: CFN98223

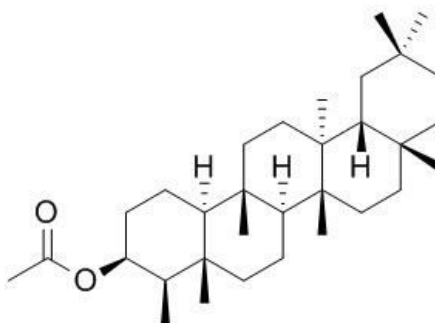
Cas No.: 2259-07-6

Purity: > 95%

M.F: C₃₂H₅₄O₂

M.W: 470.8

Physical Description: Powder



Synonyms: (3S,4R,4aS,6aS,6bR,8aR,12aR,12bS,14aS,14bS)-4,4a,6b,8a,11,11,12b,14a-Octamethyldocosahydro-3-picenyl acetate.

[Intended Use]

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

[Source]

The herbs of *Vitis trifolia*.

[Biological Activity or Inhibitors]

Epifriedelanol exhibits antibacterial activities.^[1]

Epifriedelanol and friedelin possess promising antioxidant activity, and they are active against the two cancer cells (human T4 lymphoblastoid (CEM-SS) and human cervical (HeLa) cancer cells) with IC₅₀ values ranging from 3.54 to 11.45 µg/ml.^[2]

Epifriedelanol can reduce cellular senescence in human primary cells and may be used to develop dietary supplements or cosmetics that modulate tissue aging or aging-associated diseases.^[3]

[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] Yessoufou K, Elansary H O, Mahmoud E A, *et al. Industrial Crops & Products*, 2015, 74:752-8.

[2] Utami R, Khalid N, Sukari M A, *et al. Pak. J. Pharm. Sci.*, 2013 Mar; 26(2):245-50.

[3] Yang H H, Son J K, Jung B, *et al. Planta Med.*, 2011 Mar; 77(5):441-9.

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