

21-Episerratenediol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 21-Episerratenediol

Catalog No.: CFN99495

Cas No.: 1449-06-5

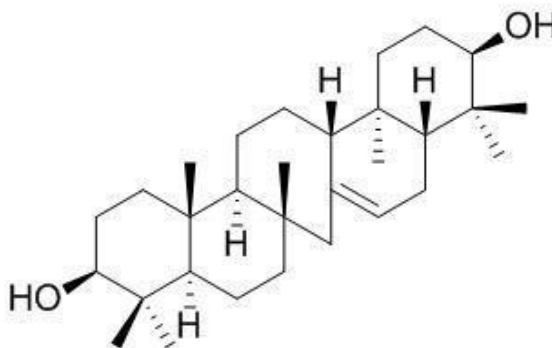
Purity: > 95%

M.F: C₃₀H₅₀O₂

M.W: 442.7

Physical Description: Powder

Synonyms: C(14a)-Homo-27-norgammacer-14-ene-3 β ,21 β -diol.



[Intended Use]

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

[Source]

The herbs of *Lycopodium serratum*.

[Biological Activity or Inhibitors]

21-Episerratenediol demonstrates strong inhibitory effects on the Epstein-Barr virus early

antigen activation without showing any cytotoxicity, it also exhibits a remarkable inhibitory effect on skin tumor promotion in an in vivo two-stage mouse skin carcinogenesis test using 7,12-dimethylbenz[a]anthracene as an initiator and TPA as a promoter, suggests that 21-episerratenediol may be valuable as a potent cancer chemopreventive agent.^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Tanaka R, Minami T, Ishikawa Y, *et al. Cancer Lett.*, 2003, 196(2):121-6.

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