

1,4,7-Eudesmanetriol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 1,4,7-Eudesmanetriol

Catalog No.: CFN99602

Cas No.: 145400-02-8

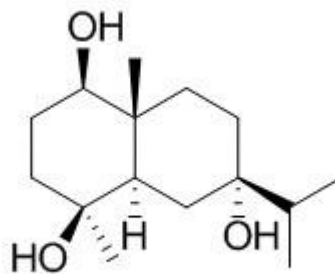
Purity: > 95%

M.F: C₁₅H₂₈O₃

M.W: 256.4

Physical Description: Powder

Synonyms: 1,4,6-Naphthalenetriol, decahydro-4,8a-dimethyl-6-(1-methylethyl)-, (1R,4S,4aR,6S,8aR)-.



[Intended Use]

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

[Source]

The branch of *Eucalyptus globulus*.

[Biological Activity or Inhibitors]

1 α ,4 β ,7 β -Eudesmanetriol and 1 β ,4 β ,7 β -Eudesmanetriol can inhibit growth of *Pseudomonas stutzeri* with a MIC value of 117 μ M, they also show remarkable activities against acetylcholinesterase enzyme with IC₅₀ values ranging between 25 and 26 μ M.^[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] K.C. Wong, Abdul Hamid, I.M.S. Eldeen, *et al. Nat. Prod. Res.*, 2011, 26(9):850-8.

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