

Hyptadienic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Hyptadienic acid

Catalog No.: CFN99387

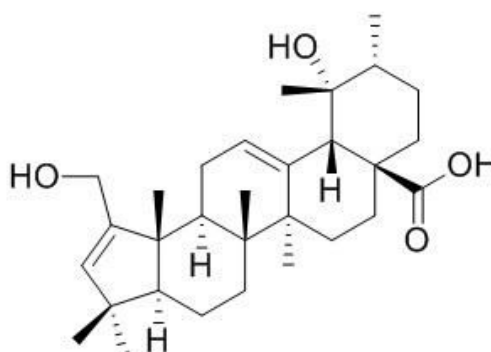
Cas No.: 128397-09-1

Purity: > 95%

M.F: C₃₀H₄₆O₄

M.W: 470.7

Physical Description: Powder



Synonyms: A(1)-Norursa-2,12-dien-28-oic acid, 19-hydroxy-2-(hydroxymethyl)-;

(+)-Hyptadienic acid; Coleonolic acid.

[Intended Use]

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

[Source]

The leaf of *Eriobotrya japonica*.

[Biological Activity or Inhibitors]

Hyptadienic acid exhibits moderate cytotoxicity against HepG2 cells.^[1]

Hyptadienic acid shows a marked anti-inflammatory effect, it also exhibits strong antitumor-promoting activity in an in vivo two-stage carcinogenesis test of mouse tumor by using 7,12-dimethylbenz(a)anthracene (DMBA) as an initiator and TPA as a promoter.^[2]

[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] Yang H, Ip S P, Sun H D, *et al. Pharm. Biol.*, 2003, 41(5):375-8.

[2] Banno N, Akihisa T, Tokuda H, *et al. Biosci. Biotechnol. Biochem.*, 2004 Jan;68(1): 85-90.

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