

Ceanothic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Ceanothic acid

Catalog No.: CFN98063

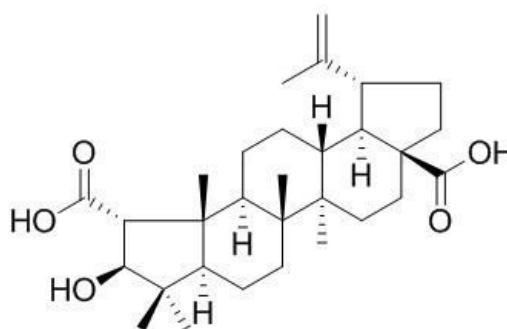
Cas No.: 21302-79-4

Purity: > 95%

M.F: C₃₀H₄₆O₅

M.W: 486.7

Physical Description: Powder



Synonyms:(1R,2S,3aR,5aR,5bR,7aS,10R,10aR,10bR,12aR,12bR)-2-Hydroxy-10-isopropenyl-3,3,5a,5b,12b-pentamethyloctadecahydrodicyclopenta[a,i]phenanthrene-1,7a(1H)-dicarboxylic acid.

[Intended Use]

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

[Source]

The seeds of *Zizyphus jujuba*.

[Biological Activity or Inhibitors]

Ceanothic acid derivatives show cytotoxic effect against OVCAR-3 and HeLa cancer cell lines.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.05% Aqueous phosphoric acid, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35°C;

The wave length of determination: 205 nm.

[Storage]

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

[References]

[1] Lee S S, Chen W C, Huang C F, *et al. J. Nat. Prod.*, 1998 Nov; 61(11):1343-7.

[2] Guo S, Duan J A, Tang Y, *et al. J. Pharm. Biomed. Anal.*, 2009 Jul 12; 49(5):1296-302.

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