

Eichlerianic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Eichlerianic acid

Catalog No.: CFN98946

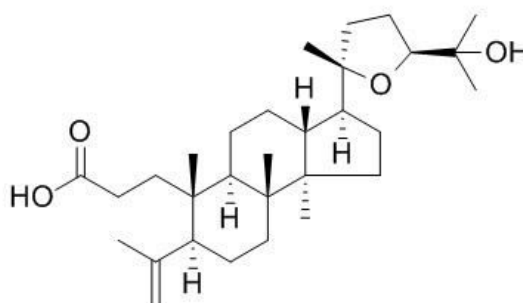
Cas No.: 56421-13-7

Purity: > 98%

M.F: C₃₀H₅₀O₄

M.W: 474.7

Physical Description: Powder



Synonyms: 3,4-Secodammar-4(28)-en-3-oicacid, 20,24-epoxy-25-hydroxy-, (24S)-;

1H-Benz[e]indene-6-propanoic acid,dodecahydro-6,9a,9b-trimethyl-7-(1-methyletheny

l)-3-[tetrahydro-5-(1-hydroxy-1-methylethyl)-2-methyl-2-furanyl]-,[3S-[3a(2R*,5R*),3aa,5a
b,6b,7a,9aa,9bb]]-.

[Intended Use]

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

[Source]

The twig of *Dysoxylum lenticellatum*.

[Biological Activity or Inhibitors]

Eichlerianic acid shows weak cytotoxicity (IC₅₀ 6.87 to >40 μ M) against human cancer cell (HL-60, SMMC-7721, A-549, MCF-7 and SW480).^[1]

Eichlerianic acid is a trypanocidal compound with an IC₅₀ value of 10 mg/mL.^[2]

Eichlerianic acid may have antiviral activity against Herpes simplex virus types I and II in vitro.^[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] Liu B, Xu Y K. *Nat. Prod. Res.*, 2016, 30(4):433-7.

[2] Cota B, Sales-Júnior P, Romanha A, *et al. Planta Med.*, 2014, 80(16).

[3] Poehland B L, Carté B K, Francis T A, *et al. J. Nat. Prod.*, 1987, 50(4):706-13.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com