

Karavilagenin D Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Karavilagenin D

Catalog No.: CFN97506

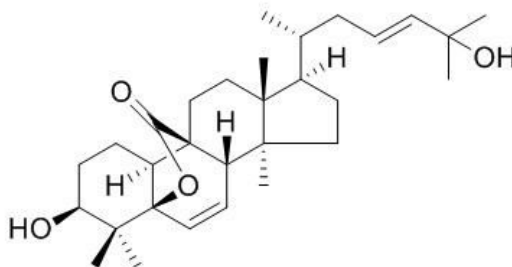
Cas No.: 35833-69-3

Purity: > 95%

M.F: C₃₀H₄₆O₄

M.W: 470.7

Physical Description: Powder



Synonyms: (1R,4S,5S,8R,9R,12S,13S,16S)-16-Hydroxy-8-[(2R,4E)-6-hydroxy-6-methyl-4-hepten-2-yl]-5,9,17,17-tetramethyl-18-oxapentacyclo[10.5.2.0^{1,13}.0^{4,12}.0^{5,9}]nonadec-2-en-19-one.

[Intended Use]

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

[Source]

The fruits of *Momordica charantia*.

[Biological Activity or Inhibitors]

Karavilagenin D shows potent inhibitory effects on Epstein-Barr virus early antigen (EBV-EA) induction, it also exhibits inhibitory effects on skin-tumor promotion in an in vivo two-stage mouse skin carcinogenesis test based on 7,12-dimethylbenz[a]anthracene (DMBA) as initiator, and with TPA as a promoter.^[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] Zhang J, Huang Y, Kikuchi T, *et al. Chem. Biodivers.*, 2012 Feb; 9(2):428-40.

[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