

Cabraleahydroxylactone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cabraleahydroxylactone

Catalog No.: CFN98480

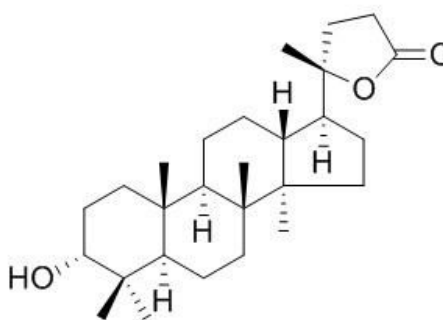
Cas No.: 35833-69-3

Purity: > 95%

M.F: C₂₇H₄₄O₃

M.W: 416.6

Physical Description: Powder



Synonyms: (5S)-5-[(3 α ,5 α ,17 β)-3-Hydroxy-4,4,8,10,14-pentamethylgonan-17-yl] -5-methyldihydro-2(3H)-furanone; 1,2-Ethanetricarboxylic-acid; 2-Carboxy-1,4-butanedioic acid.

[Intended Use]

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

[Source]

The herbs of *Aglaia lawii*.

[Biological Activity or Inhibitors]

Cabraleahydroxylactone displays antimycobacterial activity against Mycobacterium tuberculosis, it is weakly cytotoxic to a breast cancer (BC) cell line.^[1]

Cabraleahydroxylactone shows antiviral activity against herpes simplex virus type-1 with an IC₅₀ value of 3.20 ug/mL, in comparison with the standard acyclovir (IC₅₀=1.90ug/mL).

[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] Phongmaykin J, Kumamoto T, Ishikawa T, *et al. Arch. Pharm. Res.*,2008 Jan;31(1): 21-7.

[2] Phongmaykin J, Kumamoto T, Ishikawa T, *et al. Nat. Prod. Res.*,2011 Oct;25(17): 1621-8.

[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