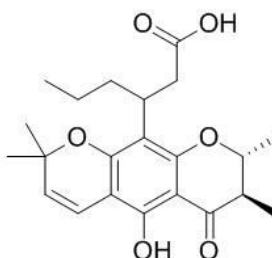


Isoapetalic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isoapetalic acid**Catalog No.:** CFN98450**Cas No.:** 34366-34-2**Purity:** > 95%**M.F:** C₂₂H₂₈O₆**M.W:** 388.5**Physical Description:** Powder**Synonyms:** 2H,6H-Benzo[1,2-b:5,4-b']dipyran-10-propanoic acid, 7,8-dihydro-5-hydroxy-2,2,7,8-tetramethyl-6-oxo-b-propyl-, (bR,7S,8S)-.

[Intended Use]

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

[Source]

The leaves of *Calophyllum brasiliense*.

[Biological Activity or Inhibitors]

Isoapetalic acid and apetalic acid exhibit cytotoxic activities towards both cancer cell lines (human breast cancer (MCF-7) and human lung carcinoma (A-549) cell lines) and both Gram-positive bacteria (two Gram-positive bacteria, *S. aureus* and *B. subtilis* and two Gram-negative bacteria, *P. aeruginosa* and *E. coli*).^[1]

[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] Aminudin N I, Ahmad F, Taher M, *et al. Nat.Prod.* 2016, 10(5):649-53.

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