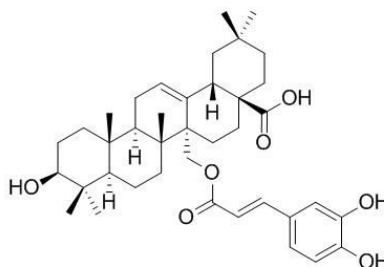


Myriceric acid B Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Myriceric acid B**Catalog No.:** CFN98931**Cas No.:** 55497-79-5**Purity:** > 95%**M.F:** C₃₉H₅₄O₇**M.W:** 634.9**Physical Description:** Powder**Synonyms:** (3β)-27-[[[(2E)-3-(3,4-Dihydroxyphenyl)-2-propenoyl]oxy]-3-hydroxyolean-12-en-28-oic acid.**[Intended Use]**

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

[Source]The root bark of *Myrica cerifera* L.**[Biological Activity or Inhibitors]**

Myriceric acid B is a potent HIV-1 entry inhibitor targeting gp41 and can serve as a lead compound for developing novel anti-HIV-1 drug.^[1]

Myriceric acid B scavenges DPPH free radicals with IC50 value of 21.8 μ M, it inhibits aromatase activity with IC50 value of 6.8 μ M, it also exhibits cytotoxic activity towards the MOLT-3 cell line with IC50 values of 3.9 μ M.^[2]

[**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] Xia C L, Mao Q C, Li R M, *et al. Chin. Pharm. Bull.*, 2010,26(4):447-52.

[2] Pailee P, Prachyawarakorn V, Mahidol C, *et al. Eur. J. Org. Chem.* 2011, 2011(20-21): 3809-14.

[**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