

Mulberrofuran H Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Mulberrofuran H

Catalog No.: CFN92414

Cas No.: 89199-99-5

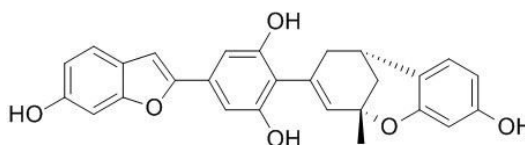
Purity: > 95%

M.F: C₂₇H₂₂O₆

M.W: 442.5

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The root bark of *Morus alba* L.

[Biological Activity or Inhibitors]

Mulberrofuran H exhibits potent antifungal activity against phytopathogenic fungi

Colletotrichum orbiculare, *Phytophthora capsici*, *Corynespora cassiicola* and *Fusarium oxysporum*.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: 0.05% Formic acid in water- 0.05% Formic acid in acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 254 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Zhang J, Wang J D, Liu C X, *et al. Faseb Journal Official Publication of the Federation of American Societies for Experimental Biology*, 2014, 28(2):4835-46.

[2] Geng C A, Chen H, Chen X L, *et al. Int. J. Mass Spectrom.*, 2014, 361(1):9-22.

[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