

Peucedanocoumarin III Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Peucedanocoumarin III

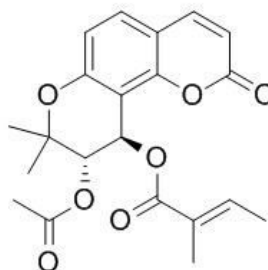
Catalog No.: CFN92560

Cas No.: 130464-57-2

Purity: > 95%

M.F: C₂₁H₂₂O₇

M.W: 386.4



Physical Description: Powder

Synonyms: (2E)-2-Methyl-2-buten-1-yl 9-(acetyloxy)-9,10-dihydro-8,8-dimethyl-2-oxo-2H,8H-benzo[1,2-b:3,4-b']dipyran-10-yl ester.

[Intended Use]

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

[Source]

The roots of *Peucedanum praeruptorum*.

[Biological Activity or Inhibitors]

Peucedanocoumarin III can induce rice resistance to blast disease.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=68:32 ;

Flow rate: 0.9 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 323 nm.

[Storage]

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

[References]

[1] Chen G H, Tang W B, Zhang Z F, *et al. Scientia Agricultura Sinica*, 2010, 43(9):
1807-14.

[2] Liang T G, Yue W Y, Liu W, *et al. International Conference of National Product and
Traditional Medicine*. 2009:389-92.

[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