



4-Methylcinnamic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 4-Methylcinnamic acid

Catalog No.: CFN98186

Cas No.: 1866-39-3

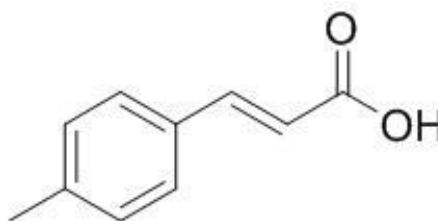
Purity: >=99%

M.F: C₁₀H₁₀O₂

M.W: 162.19

Physical Description: White cryst.

Synonyms: 3-(4-Methylphenyl)-2-propenoic acid.



[Intended Use]

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

[Source]

The barks of *Cinnamomum cassia* Presl.

[Biological Activity or Inhibitors]

4-Methylcinnamic acid is a photosensitive compound.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.01% Formic acid in water- 0.07% Formic acid in 30%acetonitrile,gradient elution ;

Flow rate:1.0 ml/min;

Column temperature: 30℃;

The wave length of determination:260 nm.

[Storage]

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

[References]

[1] Park J J, Jang E J, Jun S A, *et al.* *US 8758864 B2[P]*. 2014.

[2] Wu B, Szymanski W, Wietzes P, *et al.* *Chembiochem*,2009,10(2):338-44.

[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