



4-Methoxybenzoic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 4-Methoxybenzoic acid

Catalog No.: CFN93221

Cas No.: 100-09-4

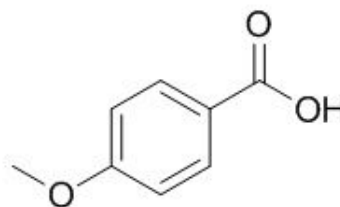
Purity: >=98%

M.F: C₈H₈O₃

M.W: 152.2

Physical Description: Powder

Synonyms: Draconic acid;Kyselina 4-methoxybenzoova.



[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 fruits of *Foeniculum vulgare* Mill.

[Biological Activity or Inhibitors]

4-Methoxybenzoic acid, gained from vegetal anethole, could be used as raw material in cosmetic and dermatologic products and/or aroma components in foodstuffs, it has antiinflammatory and antimicrobial activities.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=50:50 ;

Flow rate: 2.0 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] Jänichen J, Petersen W, Jenny R, *et al.*, *US 20090131712 A1[P]*. 2009.

[2] Yu-Chi Tsai, Wan-Chun Lai, .Ying-Chi Du, *et al.* *J. Nat. Prod.*, 2012, 75(7):934-9.

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