

3,5-Dihydroxy-4',7-dimethoxyflavone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 3,5-Dihydroxy-4',7-dimethoxyflavone

Catalog No.: CFN99651

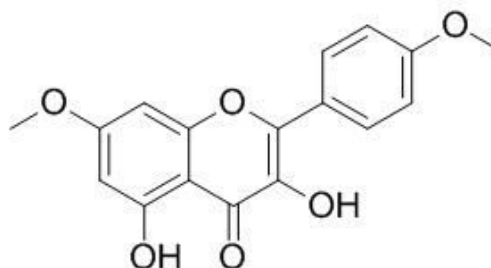
Cas No.: 15486-33-6

Purity: > 95%

M.F: C₁₇H₁₄O₆

M.W: 314.3

Physical Description: Yellow powder



Synonyms: 3,5-Dihydroxy-7-methoxy-2-(4-methoxyphenyl)-4-benzopyrone; 3,5-Dihydroxy-7-methoxy-2-(4-methoxyphenyl)-4H-chromen-4-one; Kaempferol 4',7-dimethyl ether.

[Intended Use]

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

[Source]

The herb of *Andrographis paniculata* (Burm. f.) Nees.

[Biological Activity or Inhibitors]

3,5-Dihydroxy-4',7-dimethoxyflavone shows antioxidant activity, it also shows significant activity against *Staphylococcus aureus* and *Escherichia coli* with minimum inhibitory concentration (MIC) at 200 ug/ml and 225 ug/ml, respectively.^[1]

[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] Hsiang T W, Yusoff M M. *International Journal of Pharma & Bio Sciences*, 2012, 3(4): 631-7.

[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