



2,3,4'-Trihydroxy-3',5'-dimethoxypropiophenone Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 2,3,4'-Trihydroxy-3',5'-dimethoxypropiophenone

Catalog No.: CFN98436

Cas No.: 33900-74-2

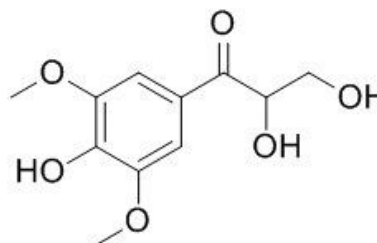
Purity: > 95%

M.F: C₁₁H₁₄O₆

M.W: 242.2

Physical Description: Powder

Synonyms:



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Others.

[Source]

The herbs of *Berberis ferdinandi-coburgii*.

[Biological Activity or Inhibitors]

2,5-Dimethoxypropiophenone may can control the growth of tumor tissue with chalcone derivatives.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol- H₂O, 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] Edwards M L, Stemerick D M, Sunkara S P. *EP 0288794[P]*. 1994.

[2] Xiong C W ,Jia Y H. *Chinese Medical Journal*, 2013 (2): 544-7.

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