

Protocatechuic acid methyl ester Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Protocatechuic acid methyl ester

Catalog No.: CFN92634

Cas No.: 2150-43-8

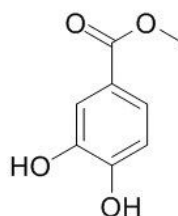
Purity: > 98%

M.F: C₈H₈O₄

M.W: 168.2

Physical Description: Powder

Synonyms: 3,4-Dihydroxybenzoic acid methyl.



[Intended Use]

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

[Source]

The stems of *Bauhinia manca*.

[Biological Activity or Inhibitors]

Protocatechuic acid methyl ester has DPPH radical scavenging activity.^[1]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: 0.1% Formic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Saito S, Okamoto Y, Kawabata J. *Agr. Biol. Chem.*, 2004, 68(6):1221-7.

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