

4-Allylpyrocatechol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 4-Allylpyrocatechol

Catalog No.: CFN99291

Cas No.: 1126-61-0

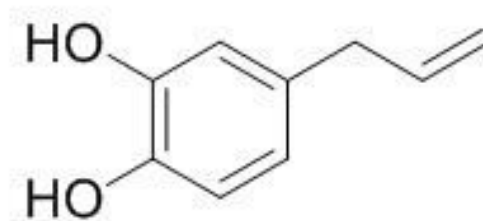
Purity: > 95%

M.F: C₉H₁₀O₂

M.W: 150.2

Physical Description: Oil

Synonyms: 4-Prop-2-enylbenzene-1,2-diol.



[Intended Use]

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

[Source]

The leaves of *Piper betle*.

[Biological Activity or Inhibitors]

4-Allylpyrocatechol has protective activity against the photosensitization-induced damage

to lipids and proteins of rat liver mitochondria, which attributes to its free radical and singlet oxygen scavenging properties.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.1% Aqueous phosphoric acid =45:55 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 222 nm.

[Storage]

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

[References]

[1] Bhattacharya S, Mula S, Gamre S, *et al. Food Chem.*, 2007, 100(4):1474-80.

[2] Abdullah NF, Anifah W, Hussain RM. *J. Pharm. Sci. Res.*,2015,7(6):292-30.

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