

Coniferyl alcohol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Coniferyl alcohol

Catalog No.: CFN97760

Cas No.: 32811-40-8

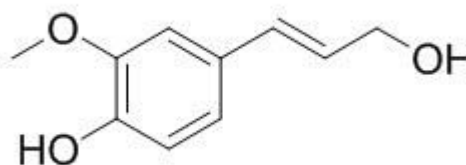
Purity: > 95%

M.F: C₁₀H₁₂O₃

M.W: 180.20

Physical Description: Powder

Synonyms: 4-[(1E)-3-Hydroxy-1-propen-1-yl]-2-methoxyphenol.



[Intended Use]

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

[Source]

The herbs of *Acanthopanax gracilistylus*.

[Biological Activity or Inhibitors]

Coniferyl alcohol is one of the major precursors of lignin.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O=1:2 ;

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 290 nm.

[Storage]

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

[References]

[1] Buraimoh O M, Ilori M O, Amund O O, *et al. Process Biochemistry*, 2016,52:22-9.

[2] Premjet D, Itoh K, Tachibana S. *Pakistan Journal of Biological Sciences*.2002, 5(3): 291-5.

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