

Isolariciresinol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isolariciresinol

Catalog No.: CFN98915

Cas No.: 548-29-8

Purity: > 95%

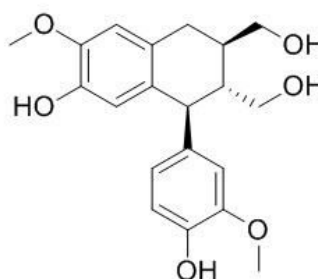
M.F: C₂₀H₂₄O₆

M.W: 360.4

Physical Description: Powder

Synonyms: (+)-Isolariciresinol ;(7S,8R,8'R)-(+)-Cyclolariciresinol;

(1S)-1,2,3,4-Tetrahydro-7-hydroxy-1 α -(4-hydroxy-3-methoxyphenyl)-6-methoxy-2 β ,3 α -naphthalenedimethanol;(2R)-4 β -(4-Hydroxy-3-methoxyphenyl)-6-hydroxy-7-methoxy-1,2,3,4-tetrahydronaphthalene-2 β ,3 α -dimethanol;(2R,3R,4S)-4-(4-hydroxy-3-methoxy-phenyl)-7-methoxy-2,3-dimethylol-tetralin-6-ol;(6R,7R,8S)-8-(4-hydroxy-3-methoxy-phenyl)-6,7-bis(hydroxymethyl)-3-methoxy-5,6,7,8-tetrahydronaphthalen-2-ol.



[Intended Use]

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

[Source]

The herbs of *Phyllanthus niruri*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Acetonitrile-10 mM Sodium acetate buffer(pH 4.8)=22.5:77.5 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Schwartz H, Sontag G. *J. Chromatogr. B*, 2006, 838(2):78-85.

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