

(-)-Lyoniresinol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: (-)-Lyoniresinol

Catalog No.: CFN92578

Cas No.: 31768-94-2

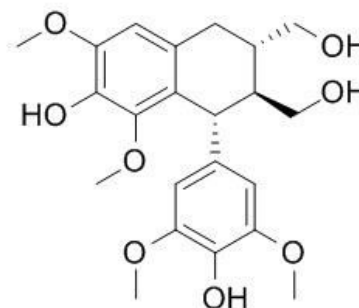
Purity: > 98%

M.F: C₂₂H₂₈O₈

M.W: 420.5

Physical Description: Cryst.

Synonyms: (-)-(7R,8S,8'S)-Lyoniresinol; Pygeoresinol.



[Intended Use]

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

[Source]

The root barks of *Berberis vulgaris*.

[Biological Activity or Inhibitors]

(+/-)-Lyoniresinol exhibit antioxidant activity.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol-H₂O=25:75;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 202 nm.

[Storage]

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

[References]

[1] Tomosaka H, Chin Y W, Salim A A, *et al. Phytother. Res.*, 2008 Jul; 22(7): 979-81.

[2] Chen Z Y, Wu J J, Liu X M, *et al. Food Science*, 2009, 30(15): 82-5.

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