

Ceplignan Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ceplignan

Catalog No.: CFN92720

Cas No.: 185244-78-4

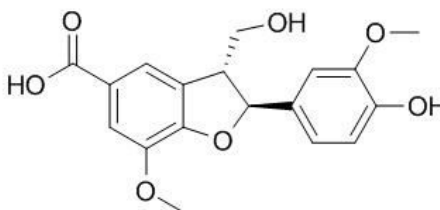
Purity: > 95%

M.F: C₁₈H₁₈O₇

M.W: 346.3

Physical Description: Powder

Synonyms: (2S,3R)-Ceplignan; (2S-trans)-2,3-Dihydro-2-(4-hydroxy-3-methoxyphenyl)-3-(hydroxymethyl)-7-methoxy-5-benzofurancarboxylic acid.



[Intended Use]

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

[Source]

Not data available.

[Biological Activity or Inhibitors]

(2S,3R)-ceplignan, isolated from the rhizomes of *Acorus tatarinowii* Schott, it can significantly enhance SERT(5-HTT)activity, which partly explain the traditional uses of the rhizomes of *Acorus tatarinowii* Schott in treatments of neuropsychiatric and digestive disorders.^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Sakashita I. *Bioorg. Med. Chem. Lett.*, 2015, 25(19):291-2.

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