

Catalponol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Catalponol

Catalog No.: CFN98441

Cas No.: 34168-56-4

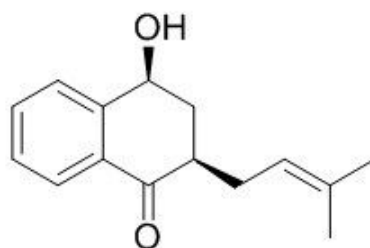
Purity: > 95%

M.F: C₁₅H₁₈O₂

M.W: 230.3

Physical Description: Powder

Synonyms: (2R,4S)-4-Hydroxy-2-(3-methylbut-2-en-1-yl)-3,4-dihydronaphthalen-1(2H)-one.



[Intended Use]

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

[Source]

The roots of *Ekmanianthe longiflora*.

[Biological Activity or Inhibitors]

Catalponol can enhance dopamine biosynthesis by inducing TH activity and protect against L-DOPA-induced cytotoxicity in PC12 cells, which is mediated by the increased levels of cyclic AMP.^[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] Huang H S, Han X H, Hwang B Y, *et al. J. Asian Nat. Prod. Res.*, 2009 Oct;11(10):867-75.

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