

1,5-Bis(4-hydroxy-3-methoxyphenyl)penta-1,4-diene Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 1,5-Bis(4-hydroxy-3-methoxyphenyl)penta-1,4-diene

Catalog No.: CFN96093

Cas No.: 63644-68-8

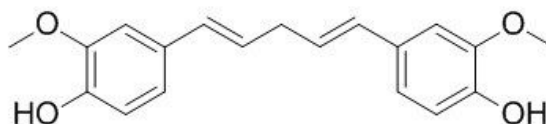
Purity: >=98%

M.F: C₁₉H₂₀O₄

M.W: 312.4

Physical Description: Powder

Synonyms: 4,4'-(1,4-Pentadiene-1,5-diyl)bis[2-methoxyphenol].



[Intended Use]

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

[Source]

The rhizomes of *Curcuma longa* L.

[Biological Activity or Inhibitors]

1,5-Bis(4-hydroxy-3-methoxyphenyl)penta-1,4-dien-3-one has cytotoxic activities and

tumour-selectivities.^[1]

1,5-Bis(4-hydroxy-3-methoxyphenyl)penta-1,4-dien-3-one has hypoglycemic activity.^[2]

[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] Yerdelen K O, Gul H I, Sakagami H, *et al. J. Enzym. Inhib. Med.Chem.*, 2015(3):1-6.

[2] Das K K, Razzaghiasl N, Tikare S N, *et al. J. Enzym. Inhib. Med. Chem.*, 2016, 31(1): 99-105.

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