

(E)-3-Hydroxy-5-methoxystilbene Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: (E)-3-Hydroxy-5-methoxystilbene

Catalog No.: CFN98466

Cas No.: 35302-70-6

Purity: > 95%

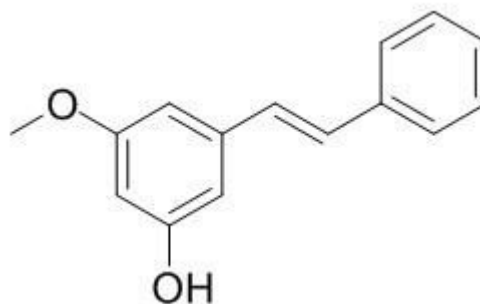
M.F: C₁₅H₁₄O₂

M.W: 226.3

Physical Description: Powder

Synonyms: 3-Hydroxy-5-methoxystilbene; Pinosylvin monomethyl ether;

5-Hydroxy-3-methoxy-trans-stilben.



[Intended Use]

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

[Source]

The herbs of *Jatropha curcas*.

[Biological Activity or Inhibitors]

(E)-3-Hydroxy-5-methoxystilbene has antimicrobial activity, it possesses inhibitory activity against several Gram-positive bacteria, including isolates of methicillin-resistant *Staphylococcus aureus* (MRSA), *Mycobacterium bovis* BCG, and avirulent *Bacillus anthracis* (Sterne strain), among others.^[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] Kabir M S, Engelbrecht K, Polanowski R, *et al. Bioorg.Med.Chem.Lett.*,2008 Nov 1; 18(21):5745-9.

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