

2-Ethylhexyl trans-4-methoxycinnamate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 2-Ethylhexyl trans-4-methoxycinnamate

Catalog No.: CFN98197

Cas No.: 83834-59-7

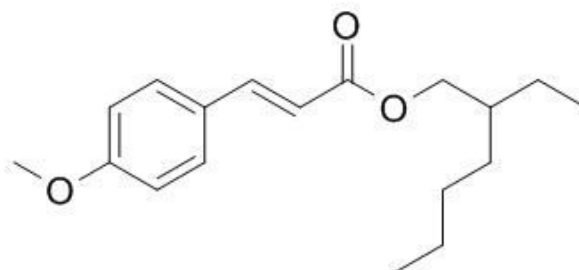
Purity: >=99%

M.F: C₁₈H₂₆O₃

M.W: 290.4

Physical Description: Oil

Synonyms: Isooctyl p-methoxycinnamate.



[Intended Use]

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

[Source]

The barks of *Cinnamomum cassia* Presl.

[Biological Activity or Inhibitors]

2-Ethylhexyl-p-methoxycinnamate is a sunscreen agent.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 335 nm.

[Storage]

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

[References]

[1] Scalia S, Casolari A, Iaconinoto A, *et al. J. Pharm. Biomed. Anal.*, 2002 Nov 7;30(4): 1181-9.

[2] Chen B, Li L, Ji W L. *Administration & Technique of Environmental Monitoring*, 2010, 22(6):61-3.

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