

N-trans-Feruloyl-3-methoxytyramine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: N-trans-Feruloyl-3-methoxytyramine

Catalog No.: CFN97268

Cas No.: 78510-19-7

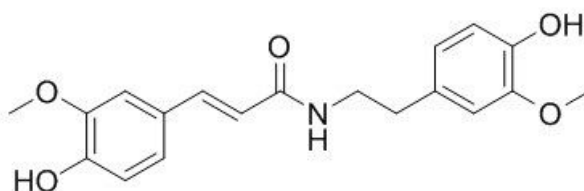
Purity: > 95%

M.F: C₁₉H₂₁NO₅

M.W: 343.4

Physical Description: Powder

Synonyms: (2E)-3-(4-Hydroxy-3-methoxyphenyl)-N-[2-(4-hydroxy-3-methoxyphenyl)ethyl]acrylamide; N-trans-cinnamyltyramine.



[Intended Use]

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

[Source]

The roots of *Litsea hypophaea*.

[Biological Activity or Inhibitors]

N-trans-Feruloyl-3'-methoxytyramine shows significantly DPPH radical scavenging activities.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 198 nm.

[Storage]

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

[References]

[1] Seo G W, Cho J Y, Moon J H, *et al. Food Sci. Biotechnol.*, 2011, 20(2):555-60.

[2] Yang L, Jiang H, Wang Q H, *et al. Chinese Journal of Natural Medicines*, 2012, 10(1):16-9.

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