

9-O-Feruloyl-5,5'-dimethoxyariciresinol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 9-O-Feruloyl-5,5'-dimethoxyariciresinol

Catalog No.: CFN99700

Cas No.: 166322-14-1

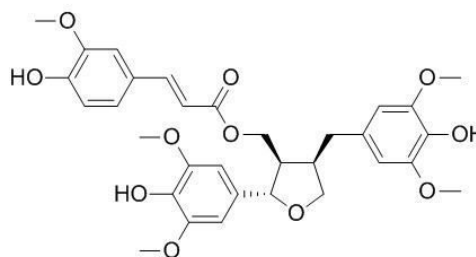
Purity: > 95%

M.F: C₃₂H₃₆O₁₁

M.W: 596.6

Physical Description: Powder

Synonyms: (+)-9'-O-trans-Feruloyl-5,5'-dimethoxyariciresinol.



[Intended Use]

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

[Source]

The herbs of *Viburnum cylindricum*.

[Biological Activity or Inhibitors]

(+)-9'-O-trans-Feruloyl-5,5'-dimethoxyariciresinol shows cytotoxicity against a small panel

of human tumor cell lines, with ED₅₀ values of 9.86 to approximately 12.68 microg/ml.^[1]
(+)-9'-O-trans-feruloyl-5,5'-dimethoxylariciresinol can inhibit release of histamine from mast cells, it may have anti-allergic inflammatory effect.^[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] Kwon H C, Sang U C, Lee J O, *et al. Arch Pharm.Res.*,1999 Aug;22(4):417-22.

[2] Choi H G, Choi Y H, Kim J H, *et al. Arch. Pharm. Res.*,2014 Apr;37(4):467-72.

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