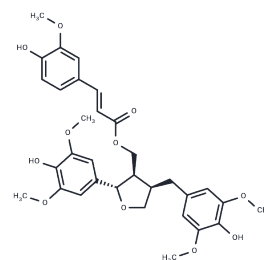


## 9-O-Feruloyl-5,5'-dimethoxylariciresinol

### Chemical Properties

CAS No. : 166322-14-1  
 Formula: C<sub>32</sub>H<sub>36</sub>O<sub>11</sub>  
 Molecular Weight: 596.62  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



### Biological Description

Description	(+)-9'-O-trans-feruloyl-5,5'-dimethoxylariciresinol may have anti-allergic inflammatory effect, it can inhibit release of histamine from mast cells. It shows cytotoxicity against a small panel of human tumor cell lines, with ED50 values of 9.86 to approximately 12.68 microg/ml.
Targets(IC50)	IL Receptor, TNF

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6761 mL	8.3805 mL	16.7611 mL
5 mM	0.3352 mL	1.6761 mL	3.3522 mL
10 mM	0.1676 mL	0.8381 mL	1.6761 mL
50 mM	0.0335 mL	0.1676 mL	0.3352 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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