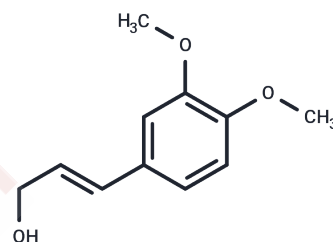


3,4-Dimethoxycinnamyl alcohol

Chemical Properties

CAS No. :	40918-90-9
Formula:	C ₁₁ H ₁₄ O ₃
Molecular Weight:	194.23
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	3,4-Dimethoxycinnamyl alcohol ((E)-3-(3,4-dimethoxyphenyl)prop-2-en-1-ol) shows significant antimicrobial and cytotoxic activities.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (308.91 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1485 mL	25.7427 mL	51.4854 mL
5 mM	1.0297 mL	5.1485 mL	10.2971 mL
10 mM	0.5149 mL	2.5743 mL	5.1485 mL
50 mM	0.103 mL	0.5149 mL	1.0297 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.

Reference

Sadik G , Islam R , Rahman M M , et al. Antimicrobial and cytotoxic constituents of Loranthus globosus[J]. Fitoterapia, 2003, 74(3):308-311.

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