

Trans-Methylisoeugenol

Chemical Properties

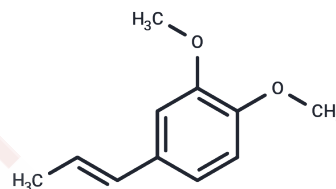
CAS No. : 6379-72-2

Formula: C₁₁H₁₄O₂

Molecular Weight: 178.23

Store at low temperature, Keep away from moisture,
Keep away from direct sunlightStorage: Pure form: -20°C for 3 years | In solvent: -80°C for 1
year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Trans-Methylisoeugenol is a compound with insecticidal activity isolated from Acorus calamus L. It is a natural food flavor. It is a natural food flavor with anxiolytic and antidepressant properties and moderately reversible inhibition of glutathione S-transferases (GSTs) (0.2 to 5.4 mmol for human GSTs and 0.4 to 4.9 mmol for rat GSTs).
Targets(IC50)	Parasite,GST

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6107 mL	28.0536 mL	56.1073 mL
5 mM	1.1221 mL	5.6107 mL	11.2215 mL
10 mM	0.5611 mL	2.8054 mL	5.6107 mL
50 mM	0.1122 mL	0.5611 mL	1.1221 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

BHASKAR PS, et al. A new insect chemosterilant isolated from Acorus calamus L.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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