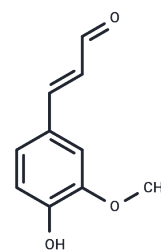


trans-Coniferyl aldehyde

Chemical Properties

CAS No. :	20649-42-7
Formula:	C ₁₀ H ₁₀ O ₃
Molecular Weight:	178.18
Storage:	Store at low temperature,Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	trans-Coniferyl aldehyde is an isomer of coniferyl aldehyde that can be employed in biochemical experiments.
Targets(IC50)	NOS,Nrf2,Endogenous Metabolite,Autophagy,COX,DNA/RNA Synthesis,PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6123 mL	28.0615 mL	56.123 mL
5 mM	1.1225 mL	5.6123 mL	11.2246 mL
10 mM	0.5612 mL	2.8062 mL	5.6123 mL
50 mM	0.1122 mL	0.5612 mL	1.1225 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

- Nam JW, et al. Heat shock factor 1 inducers from the bark of *Eucommia ulmoides* as cytoprotective agents. *Chem Biodivers.* 2013 Jul;10(7):1322-7.
- Figueiredo AR, et al. Effect of phenolic aldehydes and flavonoids on growth and inactivation of *Oenococcus oeni* and *Lactobacillus hilgardii*. *Food Microbiol.* 2008 Feb;25(1):105-12.

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