

4-Methylcinnamic acid

Chemical Properties

CAS No. :	1866-39-3
Formula:	C ₁₀ H ₁₀ O ₂
Molecular Weight:	162.19
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	4-Methylcinnamic acid is a cinnamic acid analog that can be used as an intervention catalyst to overcome antifungal tolerance. 4-Methylcinnamic acid can improve the potency of cell wall-disrupting agents.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 55 mg/mL (339.11 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1656 mL	30.828 mL	61.6561 mL
5 mM	1.2331 mL	6.1656 mL	12.3312 mL
10 mM	0.6166 mL	3.0828 mL	6.1656 mL
50 mM	0.1233 mL	0.6166 mL	1.2331 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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