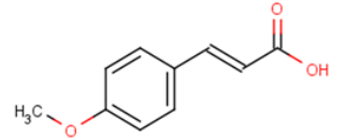


Data Sheet (Cat.No.T5875)

4-Methoxycinnamic acid

Chemical Properties

CAS No.:	830-09-1
Formula:	C ₁₀ H ₁₀ O ₃
Molecular Weight:	178.18
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	4-Methoxycinnamic acid is an unusual phenylpropanoid involved in phenylphenalenone biosynthesis in <i>Anigozanthos preissi</i> .
Targets(IC ₅₀)	Human Endogenous Metabolite: None

Solubility Information

Solubility	DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.612 mL	28.062 mL	56.123 mL
5 mM	1.122 mL	5.612 mL	11.225 mL
10 mM	0.561 mL	2.806 mL	5.612 mL
50 mM	0.112 mL	0.561 mL	1.122 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Funk C , Brodelius P E . Phenylpropanoid Metabolism in Suspension Cultures of *Vanilla planifolia* Andr. : III. Conversion of 4-Methoxycinnamic Acids into 4-Hydroxybenzoic Acids[J]. PLANT PHYSIOLOGY, 1990, 94(1):102-108.

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