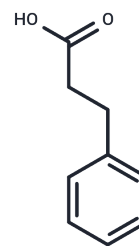


Hydrocinnamic acid

Chemical Properties

CAS No. :	501-52-0
Formula:	C ₉ H ₁₀ O ₂
Molecular Weight:	150.17
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Hydrocinnamic acid is an inter-root compound with growth-regulating activity.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (366.25 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	6.6591 mL	33.2956 mL	66.5912 mL
5 mM	1.3318 mL	6.6591 mL	13.3182 mL
10 mM	0.6659 mL	3.3296 mL	6.6591 mL
50 mM	0.1332 mL	0.6659 mL	1.3318 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.

Reference

Johannes G, et al. Tetrahedron Letters, 1998, 39(45): 8329-8332

Liu Q, Li X, Li Y, et al. A novel network pharmacology strategy to decode mechanism of Wuling Powder in treating liver cirrhosis. Chinese Medicine. 2024, 19(1): 36.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481