

4-Nitrocinnamic acid

Chemical Properties

CAS No. :	619-89-6
Formula:	C ₉ H ₇ NO ₄
Molecular Weight:	193.16
Storage:	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	4-Nitrocinnamic acid is a nitro-substituted phenylpropanoid compound with a cinnamic acid backbone. It is a derivative of cinnamic acid and can be used both as an organic synthesis intermediate and as a structural analog in natural product-related studies.
Targets(IC50)	Xanthine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1771 mL	25.8853 mL	51.7706 mL
5 mM	1.0354 mL	5.1771 mL	10.3541 mL
10 mM	0.5177 mL	2.5885 mL	5.1771 mL
50 mM	0.1035 mL	0.5177 mL	1.0354 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

Photosensitive semiconductor nanocrystals, photosensitive composition comprising semiconductor nanocrystals and method for forming semiconductor nanocrystal pattern using the same US 8758864 B2[P]. 2014.

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