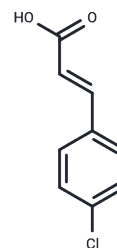


4-Chlorocinnamic acid

Chemical Properties

CAS No. :	1615-02-7
Formula:	C ₉ H ₇ ClO ₂
Molecular Weight:	182.6
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Chlorocinnamic acid is a photosensitive compound. 2-Chlorocinnamic acid and 4-chlorocinnamic acid show potent urease inhibitory activities with the respective IC ₅₀ values of 0.66 and 1.10 μM.
Targets(IC ₅₀)	Antibacterial, Antifungal, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4765 mL	27.3823 mL	54.7645 mL
5 mM	1.0953 mL	5.4765 mL	10.9529 mL
10 mM	0.5476 mL	2.7382 mL	5.4765 mL
50 mM	0.1095 mL	0.5476 mL	1.0953 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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