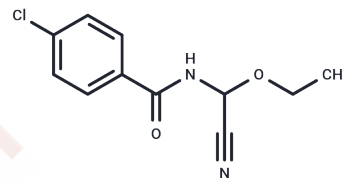


Zarilamide

Chemical Properties

CAS No. :	84527-51-5
Formula:	C ₁₁ H ₁₁ ClN ₂ O ₂
Molecular Weight:	238.67
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	Zarilamide is inhibitor of the nuclear division in germinating zoospore cysts of <i>Phytophthora capsici</i> . Zarilamide destructs the microtubule cytoskeleton, resulting in a consequent inhibition of mitosis.
Targets(IC50)	Others, Microtubule Associated, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1899 mL	20.9494 mL	41.8989 mL
5 mM	0.838 mL	4.1899 mL	8.3798 mL
10 mM	0.419 mL	2.0949 mL	4.1899 mL
50 mM	0.0838 mL	0.419 mL	0.838 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

Young DH, Lewandowski VT. Covalent binding of the benzamide RH-4032 to tubulin in suspension-cultured tobacco cells and its application in a cell-based competitive-binding assay. *Plant Physiol.* 2000 Sep;124(1):115-24. PubMed PMID:10982427; PubMed Central PMCID: PMC59127.

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