

Cuprichydroxide

Chemical Properties

CAS No. :	20427-59-2
Formula:	CuH2O2
Molecular Weight:	97.56
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	Cuprichydroxide exhibits inhibitory activity against Ralstonia solanacearum and A549 cells and has acute pulmonary toxicity.
Targets(IC50)	Apoptosis,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.2501 mL	51.2505 mL	102.501 mL
5 mM	2.050 mL	10.2501 mL	20.5002 mL
10 mM	1.025 mL	5.1251 mL	10.2501 mL
50 mM	0.205 mL	1.025 mL	2.050 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

Zhang Z, et al. Polyester fabrics coated with cupric hydroxide and cellulose for the treatment of kitchen oily wastewater. Chemosphere. 2022 Sep;302:134840.

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