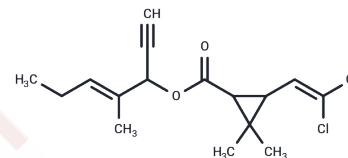


Chlorempenthrin

Chemical Properties

CAS No. :	54407-47-5
Formula:	C ₁₆ H ₂₀ Cl ₂ O ₂
Molecular Weight:	315.23
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	Chlorempenthrin is a synthetic pyrethroid insecticide.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1723 mL	15.8614 mL	31.7229 mL
5 mM	0.6345 mL	3.1723 mL	6.3446 mL
10 mM	0.3172 mL	1.5861 mL	3.1723 mL
50 mM	0.0634 mL	0.3172 mL	0.6345 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

Yaohua Huang, et al. New Insights into the Microbial Degradation of D-Cyphenothrin in Contaminated Water/Soil Environments. *Microorganisms*. 2020 Mar 26;8(4):473.

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