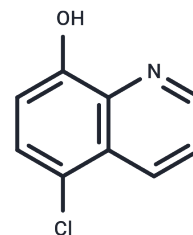


Cloxiquine

Chemical Properties

CAS No. :	130-16-5
Formula:	C ₉ H ₆ ClNO
Molecular Weight:	179.6
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cloxiquine (Dermofongin) is a monohalogenated 8-hydroxyquinoline with activity against bacteria, fungi, and protozoa.
Targets(IC50)	Antibacterial,Antibiotic,Parasite,Antifungal,PPAR

Solubility Information

Solubility	DMSO: 55 mg/mL (306.24 mM),Sonication is recommended. Ethanol: 33 mg/mL (183.74 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5679 mL	27.8396 mL	55.6793 mL
5 mM	1.1136 mL	5.5679 mL	11.1359 mL
10 mM	0.5568 mL	2.784 mL	5.5679 mL
50 mM	0.1114 mL	0.5568 mL	1.1136 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.

Reference

Latosińska JN, et al. J Mol Model. 2011 Jul;17(7):1781-800.

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