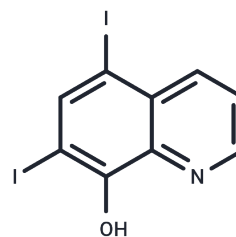


Diiodohydroxyquinoline

Chemical Properties

CAS No. :	83-73-8
Formula:	C ₉ H ₅ I ₂ NO
Molecular Weight:	396.95
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	Diiodohydroxyquinoline (Iodoquinol), a topical therapeutic agent, has satisfactory antibacterial properties.
Targets(IC50)	Antibacterial,Antibiotic,Parasite,SARS-CoV

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 6.25 mg/mL (15.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5192 mL	12.596 mL	25.1921 mL
5 mM	0.5038 mL	2.5192 mL	5.0384 mL
10 mM	0.2519 mL	1.2596 mL	2.5192 mL
50 mM	0.0504 mL	0.2519 mL	0.5038 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

Fisher AK, et al. J Toxicol Clin Toxicol. 1993;31(1):113-20.

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