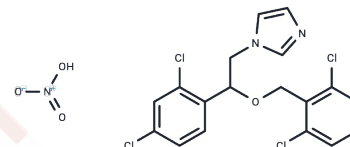


Isoconazole nitrate

Chemical Properties

CAS No. : 24168-96-5
 Formula: C₁₈H₁₄Cl₄N₂O·HNO₃
 Molecular Weight: 479.14
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Isoconazole nitrate (Fazol) (Travogen) is an azole antifungal reagent.
Targets(IC50)	Antibacterial,Antibiotic,Antifungal

Solubility Information

Solubility	DMSO: 60 mg/mL (125.22 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 4 mg/mL (8.35 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	2.0871 mL	10.4354 mL	20.8707 mL
5 mM	0.4174 mL	2.0871 mL	4.1741 mL
10 mM	0.2087 mL	1.0435 mL	2.0871 mL
50 mM	0.0417 mL	0.2087 mL	0.4174 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

Veraldi S.Mycoses. 2013 May;56 Suppl 1:41-3.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481