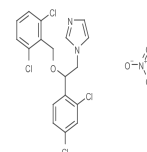


Isoconazole nitrate

Chemical Properties

CAS No.:	24168-96-5
Formula:	C ₁₈ H ₁₄ Cl ₄ N ₂ O·HNO ₃
Molecular Weight:	479.14
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Isoconazole nitrate (Travogen) is an azole antifungal reagent.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 39 mg/mL (81.4 mM) Ethanol: 4 mg/mL (8.34 mM) Water: <1 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.087 mL	10.435 mL	20.871 mL
5 mM	0.417 mL	2.087 mL	4.174 mL
10 mM	0.209 mL	1.044 mL	2.087 mL
50 mM	0.042 mL	0.209 mL	0.417 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

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