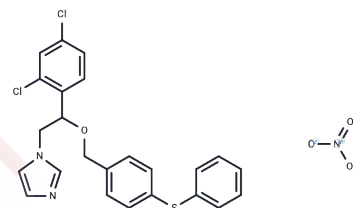


## Fenticonazole Nitrate

## Chemical Properties

CAS No. : 73151-29-8  
 Formula: C<sub>24</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>5</sub>·HNO<sub>3</sub>  
 Molecular Weight: 518.41  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Fenticonazole Nitrate (Lomexin) is an azole agent with antifungal activity.
Targets(IC50)	Antibiotic,Antifungal

## Solubility Information

Solubility	Ethanol: 2 mg/mL (3.86 mM),Sonication is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 50 mg/mL (96.45 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	1.929 mL	9.6449 mL	19.2898 mL
5 mM	0.3858 mL	1.929 mL	3.858 mL
10 mM	0.1929 mL	0.9645 mL	1.929 mL
50 mM	0.0386 mL	0.1929 mL	0.3858 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

Fernández-Alba J, et al.J Chemother. 2004 Apr;16(2):179-86.

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