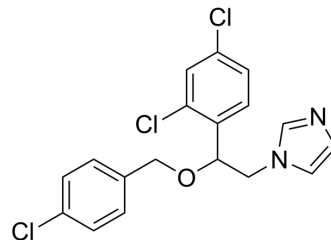


Econazole

Cat. No.:	HY-B0885		
CAS No.:	27220-47-9		
Molecular Formula:	C ₁₈ H ₁₅ Cl ₃ N ₂ O		
Molecular Weight:	381.68		
Target:	Fungal; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (262.00 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.6200 mL	13.1000 mL	26.2000 mL
	5 mM	0.5240 mL	2.6200 mL	5.2400 mL
	10 mM	0.2620 mL	1.3100 mL	2.6200 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.55 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Econazole is an antifungal compound.
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CUSTOMER VALIDATION

- Anal Biochem. 2019 Dec 15;587:113463.
- Oxid Med Cell Longev. 2019 Aug 5;2019:8265958.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Thienpont D, et al. Biological and toxicological properties of econazole, a broad-spectrum antimycotic. *Arzneimittelforschung*. 1975 Feb;25(2):224-30.

Caution: Product has not been fully validated for medical applications. For research use only.

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