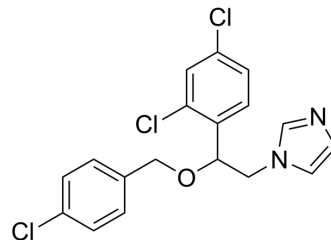


Econazole

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.
-------------	--------------------------------------

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA