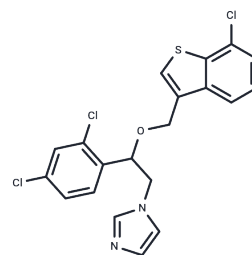


Sertaconazole

Chemical Properties

CAS No. :	99592-32-2
Formula:	C ₂₀ H ₁₅ Cl ₃ N ₂ O ₂ S
Molecular Weight:	437.77
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sertaconazole is a broad-spectrum antifungal.
Targets(IC50)	Apoptosis, Microtubule Associated, Autophagy, Antifungal, p38 MAPK

Solubility Information

Solubility	DMSO: 55 mg/mL (125.64 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2843 mL	11.4215 mL	22.843 mL
5 mM	0.4569 mL	2.2843 mL	4.5686 mL
10 mM	0.2284 mL	1.1422 mL	2.2843 mL
50 mM	0.0457 mL	0.2284 mL	0.4569 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Croxtall JD, Plosker GL. Sertaconazole: a review of its use in the management of superficial mycoses in dermatology and gynaecology. *Drugs*. 2009;69(3):339-59.

Carrillo-Muñoz AJ, et al. Sertaconazole: an antifungal agent for the topical treatment of superficial candidiasis. *Expert Rev Anti Infect Ther*. 2013 Apr;11(4):347-58.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481