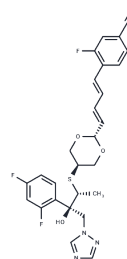


Embeconazole

Chemical Properties

CAS No. :	329744-44-7
Formula:	C ₂₇ H ₂₅ F ₃ N ₄ O ₃ S
Molecular Weight:	542.57
Appearance:	Solid
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Embeconazole (R 120758) is a triazole antifungal agent. Embeconazole has strong in vitro activity against clinically important fungi such as Candida, Aspergillus and Cryptococcus neoformans.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 60 mg/mL (110.58 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	1.8431 mL	9.2154 mL	18.4308 mL
5 mM	0.3686 mL	1.8431 mL	3.6862 mL
10 mM	0.1843 mL	0.9215 mL	1.8431 mL
50 mM	0.0369 mL	0.1843 mL	0.3686 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

Ueyama E, et al. Mechanistic study of the oxidative degradation of the triazole antifungal agent CS-758 in an amorphous form. J Pharm Sci. 2013 Jan;102(1):104-13.

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