

Tolciclate

Chemical Properties

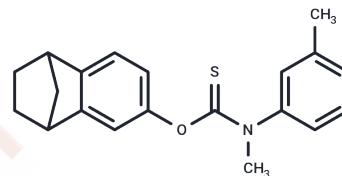
CAS No. : 50838-36-3

Formula: C₂₀H₂₁NOS

Molecular Weight: 323.45

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	Tolciclate is an agent of antifungal medication.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0917 mL	15.4583 mL	30.9167 mL
5 mM	0.6183 mL	3.0917 mL	6.1833 mL
10 mM	0.3092 mL	1.5458 mL	3.0917 mL
50 mM	0.0618 mL	0.3092 mL	0.6183 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

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Ryder NS, Frank I, Dupont MC. Ergosterol biosynthesis inhibition by the thiocarbamate antifungal agents tolnaftate and tolclate. Antimicrob Agents Chemother. 1986 May;29(5):858-60. PubMed PMID: 3524433; PubMed Central PMCID: PMC284167.

Wahab S, Srivastava OP, Singh NB, Gupta SK. Comparative in vitro & in vivo evaluation of tolclate, tolnaftate, miconazole, clotrimazole & undecylenic acid against Trichophyton mentagrophytes. Indian J Exp Biol. 1978 Nov;16(11):1200-2. PubMed PMID: 750408.

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