

Quilseconazole Formic acid(1340593-70-5 Free base)

Chemical Properties

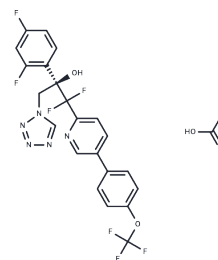
CAS No. :

Formula: C₂₃H₁₆F₇N₅O₄

Molecular Weight: 559.39

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	Quilseconazole Formic acid is a selective inhibitor of fungal Cyp51 with potent activities against <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> .
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 55 mg/mL (98.32 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	1.7877 mL	8.9383 mL	17.8766 mL
5 mM	0.3575 mL	1.7877 mL	3.5753 mL
10 mM	0.1788 mL	0.8938 mL	1.7877 mL
50 mM	0.0358 mL	0.1788 mL	0.3575 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

Lockhart SR, et al. The Investigational Fungal Cyp51 Inhibitor VT-1129 Demonstrates Potent In Vitro Activity against *Cryptococcus neoformans* and *Cryptococcus gattii*. *Antimicrob Agents Chemother.* 2016 Mar 25;60(4):2528-31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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