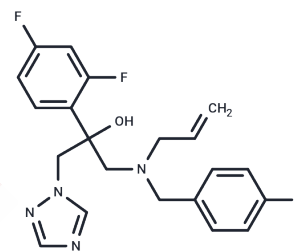


CYP51-IN-4

Chemical Properties

CAS No. : 1155361-02-6
 Formula: C₂₁H₂₁F₃N₄O
 Molecular Weight: 402.41
 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	CYP51-IN-4 (compound 1d), an analog of Fluconazole, serves as an effective antifungal agent. It inhibits <i>Microsporum gypseum</i> and <i>Candida albicans</i> with an MIC ₈₀ of 15.6 ng/mL.
Targets(IC ₅₀)	Antifungal, Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.485 mL	12.4251 mL	24.8503 mL
5 mM	0.497 mL	2.485 mL	4.9701 mL
10 mM	0.2485 mL	1.2425 mL	2.485 mL
50 mM	0.0497 mL	0.2485 mL	0.497 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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