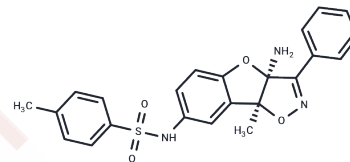


Antifungal agent 100

Chemical Properties

CAS No. : 2975157-18-5
 Formula: C₂₃H₂₁N₃O₄S
 Molecular Weight: 435.5
 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	Antifungal agent 100 (compound 3i) demonstrates notable antifungal activity, exhibiting an EC 50 of 0.33 mg/L against <i>S. sclerotiorum</i> . It also possesses an IC 50 value of 0.63 mg/mL targeting the Succinate dehydrogenase (SDH) of the same organism [1].
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2962 mL	11.4811 mL	22.9621 mL
5 mM	0.4592 mL	2.2962 mL	4.5924 mL
10 mM	0.2296 mL	1.1481 mL	2.2962 mL
50 mM	0.0459 mL	0.2296 mL	0.4592 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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