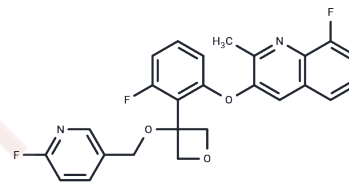


Antituberculosis agent-8

Chemical Properties

CAS No. : 2874263-74-6
 Formula: C₂₅H₁₉F₃N₂O₃
 Molecular Weight: 452.43
 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	Antituberculosis agent-8 is an antitubercular compound effective against M. tuberculosis H37Rv, demonstrating a minimum inhibitory concentration (MIC) of 3.53 μM (1.6 μg/mL). Additionally, it exhibits potent antifungal properties against A. niger, with an MIC of 62.50 μM.
Targets(IC50)	Others,Antibacterial,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2103 mL	11.0514 mL	22.1029 mL
5 mM	0.4421 mL	2.2103 mL	4.4206 mL
10 mM	0.221 mL	1.1051 mL	2.2103 mL
50 mM	0.0442 mL	0.221 mL	0.4421 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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