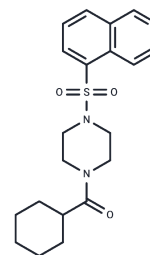


VCC234718

Chemical Properties

CAS No. : 1278553-16-4
 Formula: C₂₀H₂₅N₃O₃S
 Molecular Weight: 387.5
 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	VCC234718 is a molecule with growth inhibitory activity against Mycobacterium tuberculosis (Mtb).
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5806 mL	12.9032 mL	25.8065 mL
5 mM	0.5161 mL	2.5806 mL	5.1613 mL
10 mM	0.2581 mL	1.2903 mL	2.5806 mL
50 mM	0.0516 mL	0.2581 mL	0.5161 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

- Shapiro AB, et al. Reversibility of Covalent, Broad-Spectrum Serine β -Lactamase Inhibition by the Diazabicyclooctenone ETX2514. ACS Infect Dis. 2017 Nov 10;3(11):833-844.
- Singh V, et al. The Inosine Monophosphate Dehydrogenase, GuaB2, Is a Vulnerable New Bactericidal Drug Target for Tuberculosis. ACS Infect Dis. 2017 Jan 13;3(1):5-17.
- Magnet S, et al. Leads for antitubercular compounds from kinase inhibitor library screens. Tuberculosis (Edinb). 2010 Nov;90(6):354-60.

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