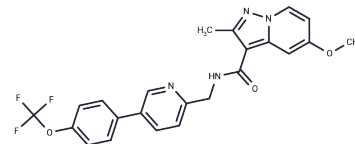


anti-TB agent 1

Chemical Properties

CAS No. :	2294013-78-6
Formula:	C23H19F3N4O3
Molecular Weight:	456.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	anti-TB agent 1 is a potent and orally active anti-tuberculosis agent (MICs: < 2 nM against the Mtb strains H37Rv, rRMP and rINH).
Targets(IC50)	Antibiotic

Solubility Information

Solubility	DMSO: 9 mg/mL (19.72 mM) (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.191 mL	10.9548 mL	21.9096 mL
5 mM	0.4382 mL	2.191 mL	4.3819 mL
10 mM	0.2191 mL	1.0955 mL	2.191 mL
50 mM	0.0438 mL	0.2191 mL	0.4382 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.

Reference

Hu X, et al. Identification of Pyrazolo[1,5-a]pyridine-3-carboxamide Diaryl Derivatives as Drug Resistant Antituberculosis Agents. ACS Med Chem Lett. 2019 Feb 21;10(3):295-299.

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