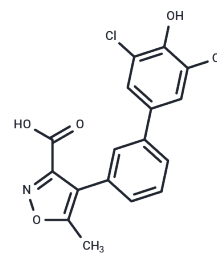


MptpB-IN-1

Chemical Properties

CAS No. :	2244622-44-2
Formula:	C ₁₇ H ₁₁ Cl ₂ NO ₄
Molecular Weight:	364.18
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	MptpB-IN-1 is a potent, orally active MptpB inhibitor that targets the Mycobacterium tuberculosis protein-tyrosine-phosphatase B (MptpB), a secreted virulence factor evading host antimicrobial mechanisms. It effectively diminishes the survival and infection burden of multidrug-resistant Mycobacterium tuberculosis.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7459 mL	13.7295 mL	27.4589 mL
5 mM	0.5492 mL	2.7459 mL	5.4918 mL
10 mM	0.2746 mL	1.3729 mL	2.7459 mL
50 mM	0.0549 mL	0.2746 mL	0.5492 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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