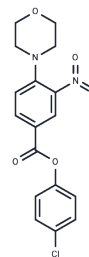


GDI-5755

Chemical Properties

CAS No. : 849616-57-5
 Formula: C₁₇H₁₅ClN₂O₅
 Molecular Weight: 362.76
 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	GDI-5755 is an antibacterial agent that inhibits ClpP1P2 to suppress the growth of Mycobacterium tuberculosis (Mtb) and the Mycobacterium model, Mycobacterium bovis BCG. It is applicable for research associated with tuberculosis (TB).
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7566 mL	13.7832 mL	27.5664 mL
5 mM	0.5513 mL	2.7566 mL	5.5133 mL
10 mM	0.2757 mL	1.3783 mL	2.7566 mL
50 mM	0.0551 mL	0.2757 mL	0.5513 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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