

PptT-IN-3

Chemical Properties

CAS No. :

Formula: C16H27N5O3S

Molecular Weight: 369.48

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	PptT-IN-3 (compound 5p) is a powerful inhibitor (IC ₅₀ = 3.5 μM) of phosphopantetheinyl phosphoryl transferase (PptT), an indispensable enzyme involved in the synthesis of cellular lipids and virulence factors in Mycobacterium tuberculosis. This compound holds promise for tuberculosis research [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7065 mL	13.5325 mL	27.0651 mL
5 mM	0.5413 mL	2.7065 mL	5.413 mL
10 mM	0.2707 mL	1.3533 mL	2.7065 mL
50 mM	0.0541 mL	0.2707 mL	0.5413 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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