

PptT-IN-1

## Chemical Properties

CAS No. :

Formula: C18H29N5O2

Molecular Weight: 347.46

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-1 (compound 5j) is a highly potent inhibitor (IC50: 2.8 $\mu$ M) of phosphopantetheinyl phosphoryl transferase (PptT), an essential enzyme in the biosynthesis of cellular lipids and virulence factors in Mycobacterium tuberculosis, demonstrating considerable potential for tuberculosis research [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.878 mL	14.3901 mL	28.7803 mL
5 mM	0.5756 mL	2.878 mL	5.7561 mL
10 mM	0.2878 mL	1.439 mL	2.878 mL
50 mM	0.0576 mL	0.2878 mL	0.5756 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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