

PptT-IN-4

Chemical Properties

CAS No. :

Formula: C17H23N3

Molecular Weight: 269.38

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-4 (Compound 3a) is a PptT inhibitor with an IC50 of 0.71 μ M, demonstrating antimycobacterial activity against Mtb H37Rv with a MIC of 42 μ M. It inhibits hERG, hCav1.2, and hNav1.5 channels with IC50 values of 11 μ M, 8.1 μ M, and 6.9 μ M, respectively [1].
Targets(IC50)	Calcium Channel, Antibacterial, Potassium Channel, Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7122 mL	18.5611 mL	37.1223 mL
5 mM	0.7424 mL	3.7122 mL	7.4245 mL
10 mM	0.3712 mL	1.8561 mL	3.7122 mL
50 mM	0.0742 mL	0.3712 mL	0.7424 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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