

PptT-IN-2

Chemical Properties

CAS No. :

Formula: C₂₂H₂₉N₅O₂

Molecular Weight: 395.5

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	PptT-IN-2 (compound 5k) is a highly effective inhibitor of phosphopantetheinyl phosphoryl transferase (PptT), with an IC ₅₀ of 2.5 µM. PptT is an indispensable enzyme crucial for synthesizing cellular lipids and virulence factors in Mycobacterium tuberculosis. Therefore, PptT-IN-2 holds great promise for further investigations into tuberculosis research [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5284 mL	12.6422 mL	25.2845 mL
5 mM	0.5057 mL	2.5284 mL	5.0569 mL
10 mM	0.2528 mL	1.2642 mL	2.5284 mL
50 mM	0.0506 mL	0.2528 mL	0.5057 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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