

CpNMT-IN-1

Chemical Properties

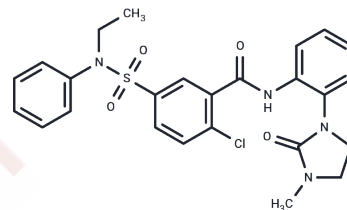
CAS No. :

Formula: C₂₅H₂₅ClN₄O₄S

Molecular Weight: 513.008

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	CpNMT-IN-1 (Compound 11e) is an inhibitor of N-myristoyltransferase (CpNMT) with an IC ₅₀ value of 2.5 μM. It also inhibits the growth of microsporidia, demonstrating an EC ₅₀ value of 6.9 μM.
Targets(IC ₅₀)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9493 mL	9.7464 mL	19.4928 mL
5 mM	0.3899 mL	1.9493 mL	3.8986 mL
10 mM	0.1949 mL	0.9746 mL	1.9493 mL
50 mM	0.039 mL	0.1949 mL	0.3899 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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