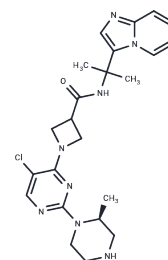


NMT-IN-8

## Chemical Properties

CAS No. : 2765258-26-0  
 Formula: C<sub>23</sub>H<sub>29</sub>ClN<sub>8</sub>  
 Molecular Weight: 468.98  
 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	NMT-IN-8 (Compound Ex.129) is an orally active and highly selective N-myristoyltransferase (NMT) inhibitor with an IC <sub>50</sub> value of less than 10 nM. It binds to the peptide binding pocket of NMT, blocking the enzyme-catalyzed protein N-myristoylation, thereby disrupting key pathways such as protein transport, signal transduction, and viral replication. NMT-IN-8 shows promise for research in oncology (including MYC-dependent cancers and B-cell lymphoma) and infectious diseases (such as malaria, HIV, and rhinovirus infections).
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1323 mL	10.6614 mL	21.3229 mL
5 mM	0.4265 mL	2.1323 mL	4.2646 mL
10 mM	0.2132 mL	1.0661 mL	2.1323 mL
50 mM	0.0426 mL	0.2132 mL	0.4265 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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