

## NNMT-IN-3

## Chemical Properties

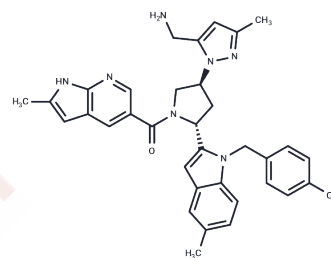
CAS No. : 3031493-74-7

Formula: C<sub>34</sub>H<sub>34</sub>ClN<sub>7</sub>O

Molecular Weight: 592.13

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	NNMT-IN-3 (compound 14) is a potent and selective inhibitor of nicotinamide N-methyltransferase (NNMT), with IC <sub>50</sub> values of 1.1 nM in cell-free assays and 0.4 μM in cell-based assays. NNMT-IN-3 can be utilized in studies of obesity, cancer, type II diabetes, and skeletal sarcopenia, among other diseases.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6888 mL	8.4441 mL	16.8882 mL
5 mM	0.3378 mL	1.6888 mL	3.3776 mL
10 mM	0.1689 mL	0.8444 mL	1.6888 mL
50 mM	0.0338 mL	0.1689 mL	0.3378 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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