

## Nampt-IN-16

## Chemical Properties

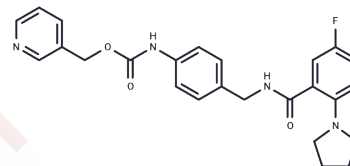
CAS No. : 3077970-44-3

Formula: C<sub>25</sub>H<sub>25</sub>FN<sub>4</sub>O<sub>3</sub>

Molecular Weight: 448.49

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	Nampt-IN-16 (Compound 9a) is an orally active NAMPT inhibitor with an IC <sub>50</sub> of 0.15 μM. It reduces intracellular NAD <sup>+</sup> and ATP levels. Nampt-IN-16 inhibits the proliferation, migration, and invasion of gastric cancer cells, induces cell cycle arrest and apoptosis, and alters cellular metabolism. This compound is applicable for research in tumors such as gastric cancer.
Targets(IC <sub>50</sub> )	Apoptosis,NAMPT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2297 mL	11.1485 mL	22.297 mL
5 mM	0.4459 mL	2.2297 mL	4.4594 mL
10 mM	0.223 mL	1.1149 mL	2.2297 mL
50 mM	0.0446 mL	0.223 mL	0.4459 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481