



Product Information

NAMPT inhibitor, Nampt-IN-3, Purity $\geq 98\%$

Cat. No.: X24-09-YM470

Size: 1 mg; 5 mg; 10 mg; 20 mg

CAS Number: 2121591-52-2

Compound CID: 137634086

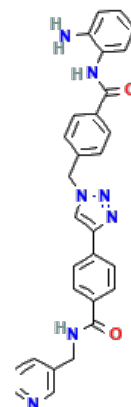
Synonym: 2121591-52-2; *N*

-(2-Aminophenyl)-4-[[4-[4-(pyridin-3-ylmethylcarbamoyl)phenyl]triazol-1-yl]methyl]benzamide;

N

-(2-Aminophenyl)-4-[[4-[4-(pyridin-3-ylmethylcarbamoyl)phenyl]triazol-1-yl]methyl]benzamide; NAMPT inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Nampt-IN-3 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting NAMPT. The molecular weight of the compound is 503.55, and its molecular formula is $C_{29}H_{25}N_7O_2$.
Molecular Weight	503.55
Molecular Formula	$C_{29}H_{25}N_7O_2$
IUPAC Name	<i>N</i> -(2-Aminophenyl)-4-[[4-[4-(pyridin-3-ylmethylcarbamoyl)phenyl]triazol-1-yl]methyl]benzamide
InChI	InChI=1S/C29H25N7O2/c30-25-5-1-2-6-26(25)33-29(38)24-9-7-20(8-10-24)18-36-19-27(34-35-36)2-11-13-23(14-12-22)28(37)32-17-21-4-3-15-31-16-21/h1-16,19H,17-18,30H2,(H,32,37)(H,33,38)
InChI Key	LSGNVZAEAAZOEH-UHFFFAOYSA-N
Canonical SMILES	<chem>C1=CC=C(C(=C1)N)NC(=O)C2=CC=C(C(=C2)CN3C=C(N=N3)C4=CC=C(C(=C4)C(=O)NCC5=CN=CC=C5)</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade



Applications

Nampt-IN-3 can be studied extensively for its potential therapeutic applications in the treatment of metabolic disorders.

Storage

Store at -20°C, and keep desiccated.
