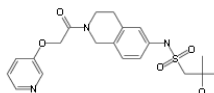


Product Name	: Nampt-IN-1
Synonyms	: Nampt-IN-1; Nampt-IN 1; Nampt-IN1; LSN3154567
Cat No.	: M17364
CAS Number	: 1698878-14-6
Molecular Formula	: C ₂₀ H ₂₅ N ₃ O ₅ S
Formula Weight	: 419.49
Chemical Name	: 2-Hydroxy-2-methyl-N-[1,2,3,4-tetrahydro-2-[2-(3-pyridinyloxy)acetyl]-6-isoquinoliny]-1-propanesulfonamide
Description	<p>LSN3154567, also known as Nampt-IN-1, is a potent and electic NAMPT inhibitor. Nicotinamide phosphoribosyltransferase (NAMPT) is a promising antitumor target. NAMPT inhibition leads to attenuation of glycolysis, resulting in further perturbation of carbohydrate metabolism in cancer cells.</p>
Pathway	: Proteasome/Ubiquitin
Target	: Cysteine Protease
Receptor	: NAMPT;CSF-1R
Solubility	: DMSO : ≥ 30 mg/mL; 71.52 mM
SMILES	: <chem>CC(C)(O)CS(=O)(=O)Nc1ccc2CN(CCc2c1)C(=O)COc3cccnc3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Zhao G, et al. Discovery of a Highly Selective NAMPT Inhibitor That Demonstrates Robust Efficacy and Improved Retinal Toxicity with Nicotinic Acid Coadministration. Mol Cancer Ther. 2017 Dec; 16(12):2677-2688.