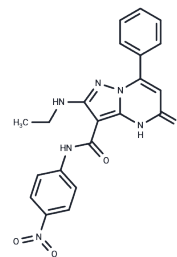


PIM1-IN-6

Chemical Properties

CAS No. : 2439168-69-9
 Formula: C₂₁H₁₈N₆O₄
 Molecular Weight: 418.41
 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	PIM1-IN-6 (compound 5h) is a potent PIM-1 inhibitor with an IC ₅₀ of 0.60 μM and exhibits high cytotoxicity on HCT-116 and MCF-7 cells, with IC ₅₀ values of 1.51 μM and 15.2 μM, respectively.
Targets(IC ₅₀)	Others,Pim

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.390 mL	11.950 mL	23.900 mL
5 mM	0.478 mL	2.390 mL	4.780 mL
10 mM	0.239 mL	1.195 mL	2.390 mL
50 mM	0.0478 mL	0.239 mL	0.478 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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