

MIV-6R

Chemical Properties

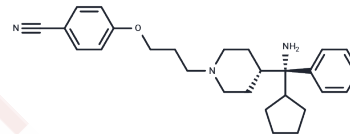
CAS No. : 1560968-55-9

Formula: C₂₇H₃₅N₃O

Molecular Weight: 417.59

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	MIV-6R inhibits Menin-MLL interaction (IC ₅₀ : 56 nM) and can be used to study leukemia.
Targets(IC ₅₀)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3947 mL	11.9735 mL	23.9469 mL
5 mM	0.4789 mL	2.3947 mL	4.7894 mL
10 mM	0.2395 mL	1.1973 mL	2.3947 mL
50 mM	0.0479 mL	0.2395 mL	0.4789 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.

Reference

Li X, Song Y. Structure, function and inhibition of critical protein-protein interactions involving mixed lineage leukemia 1 and its fusion oncoproteins. *J Hematol Oncol.* 2021 Apr 6;14(1):56.

Arkin MR, Tang Y, Wells JA. Small-molecule inhibitors of protein-protein interactions: progressing toward the reality. *Chem Biol.* 2014 Sep 18;21(9):1102-14.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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