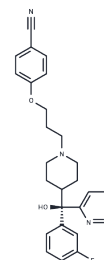


ML399

Chemical Properties

CAS No. :	1560968-49-1
Formula:	C ₂₇ H ₂₈ FN ₃ O ₂
Molecular Weight:	445.53
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	ML399 is the menin--MLL interaction inhibitor that demonstrates strong and selective effects in MLL leukemia cells, and ML399 validates a specific mechanism of action by blocking oncogenic menin-MLL signaling, providing a valuable chemical probe for functional genomics and leukemia-targeted therapeutic strategy development while enabling comprehensive mechanistic and translational hematologic cancer research.
Targets(IC50)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2445 mL	11.2226 mL	22.4452 mL
5 mM	0.4489 mL	2.2445 mL	4.489 mL
10 mM	0.2245 mL	1.1223 mL	2.2445 mL
50 mM	0.0449 mL	0.2245 mL	0.4489 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

Senter T, et al. Progress towards small molecule menin-mixed lineage leukemia (MLL) interaction inhibitors with in vivo utility. *Bioorg Med Chem Lett.* 2015 Jul 1;25(13):2720-5.

Progress towards small molecule inhibitors of the Menin-Mixed Lineage Leukemia (MLL) interaction with in vivo utility

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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