

## Menin-MLL inhibitor 21

## Chemical Properties

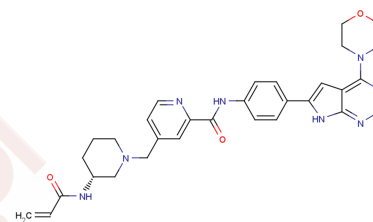
CAS No. : 2448172-22-1

Formula: C<sub>31</sub>H<sub>34</sub>N<sub>8</sub>O<sub>3</sub>

Molecular Weight: 566.65

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	Menin-ml inhibitor 21 is a selective, oral and irreversible Menin inhibitor. Menin-MLL inhibitor 21 promotes selective proliferation of $\beta$ cells and improvement of $\beta$ cell function in human islet cultures in vitro. Menin-MLL inhibitor 21 enhances glycemic control in animal models of diabetes. Menin-MLL inhibitor 21 induced a dose-dependent increase in insulin secretion that was augmented by a GLP-1 receptor agonist (RA).
Targets(IC50)	Epigenetic Reader Domain, Histone Methyltransferase

## Solubility Information

Solubility	DMSO: 50 mg/mL (88.24 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7648 mL	8.8238 mL	17.6476 mL
5 mM	0.353 mL	1.7648 mL	3.5295 mL
10 mM	0.1765 mL	0.8824 mL	1.7648 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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

Perner F, et al. Characterization of acquired resistance mutations to menin inhibitors. Cancer Research, 2023, 83 (7\_Supplement): 3457-3457.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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