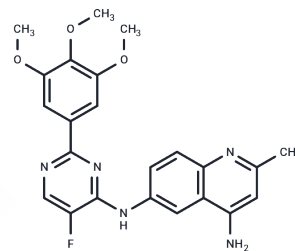


JS1310

## Chemical Properties

CAS No. : 2247753-73-5  
 Formula: C<sub>23</sub>H<sub>22</sub>FN<sub>5</sub>O<sub>3</sub>  
 Molecular Weight: 435.45  
 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	JS1310 is a selective PRMT7 inhibitor (IC <sub>50</sub> : 5 μM against human PRMT7). JS1310 has shown anti-cancer effects on different cancer cells.
Targets(IC <sub>50</sub> )	Others,Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2965 mL	11.4824 mL	22.9647 mL
5 mM	0.4593 mL	2.2965 mL	4.5929 mL
10 mM	0.2296 mL	1.1482 mL	2.2965 mL
50 mM	0.0459 mL	0.2296 mL	0.4593 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

Liu C, et al. Loss of PRMT7 reprograms glycine metabolism to selectively eradicate leukemia stem cells in CML. Cell Metab. 2022 Jun 7;34(6):818-835.e7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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