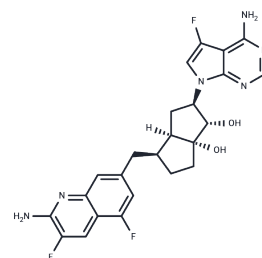


PRMT5-IN-15

## Chemical Properties

CAS No. : 2410637-87-3  
 Formula: C<sub>24</sub>H<sub>23</sub>F<sub>3</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 484.483  
 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                | PRMT5-IN-15, a PRMT5 inhibitor, has an IC <sub>50</sub> value of 0.84 nM. |
| Targets(IC <sub>50</sub> ) | Others, Histone Methyltransferase   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0641 mL | 10.3203 mL | 20.6407 mL |
| 5 mM  | 0.4128 mL | 2.0641 mL  | 4.1281 mL  |
| 10 mM | 0.2064 mL | 1.032 mL   | 2.0641 mL  |
| 50 mM | 0.0413 mL | 0.2064 mL  | 0.4128 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

Quiroz RV, et al. The Discovery of Two Novel Classes of 5,5-Bicyclic Nucleoside-Derived PRMT5 Inhibitors for the Treatment of Cancer. J Med Chem. 2021 Apr 8;64(7):3911-3939.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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