

DS79932728

## Chemical Properties

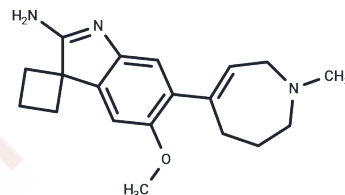
CAS No. : 2757191-62-9

Formula: C19H25N3O

Molecular Weight: 311.421

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   | DS79932728 is an orally active inhibitor of G9a and GLP, with IC50 values of 12.6 nM and 75.7 nM, respectively. It induces the production of $\gamma$ -globin, thereby increasing fetal hemoglobin (HbF) levels. In cynomolgus monkey models, DS79932728 enhances the proportion of F-reticulocytes (F-rets) and shows good oral absorption characteristics. |
| Targets(IC50) | Histone Methyltransferase, Glucagon Receptor   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 3.2111 mL | 16.0555 mL | 32.111 mL |
| 5 mM  | 0.6422 mL | 3.2111 mL  | 6.4222 mL |
| 10 mM | 0.3211 mL | 1.6055 mL  | 3.2111 mL |
| 50 mM | 0.0642 mL | 0.3211 mL  | 0.6422 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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