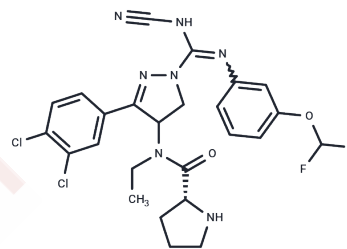


SMYD2-IN-1

Chemical Properties

CAS No. : 2023788-96-5
 Formula: C₂₅H₂₅Cl₂F₂N₇O₂
 Molecular Weight: 564.41
 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 | SMYD2-IN-1 is an inhibitor of SMYD2 (IC ₅₀ of 4.45 nM). |
| Targets(IC ₅₀) | Histone Methyltransferase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7718 mL | 8.8588 mL | 17.7176 mL |
| 5 mM | 0.3544 mL | 1.7718 mL | 3.5435 mL |
| 10 mM | 0.1772 mL | 0.8859 mL | 1.7718 mL |
| 50 mM | 0.0354 mL | 0.1772 mL | 0.3544 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

Timo Stellfeld, et al. Novel aryl-cyanoguanidine compounds. WO2016166186A1.

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