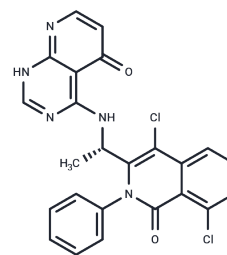


PI3K-IN-51

Chemical Properties

CAS No. : 2055765-77-8
 Formula: C₂₄H₁₇Cl₂N₅O₂
 Molecular Weight: 478.33
 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 | PI3K-IN-51, characterized as a PI3K inhibitor, exhibits IC ₅₀ values below 500 nM for p120 γ and p110 δ /p85 α (WO2016204429A1; Example 10) [1]. |
| Targets(IC ₅₀) | PI3K |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.0906 mL | 10.453 mL | 20.9061 mL |
| 5 mM | 0.4181 mL | 2.0906 mL | 4.1812 mL |
| 10 mM | 0.2091 mL | 1.0453 mL | 2.0906 mL |
| 50 mM | 0.0418 mL | 0.2091 mL | 0.4181 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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