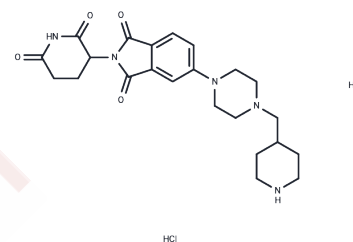


Pomalidomide 5'-piperazine-4-methylpiperidine dihydrochloride

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2758431-93-3 |
| Formula: | C ₂₃ H ₃₁ Cl ₂ N ₅ O ₄ |
| Molecular Weight: | 512.43 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i> |



Biological Description

| | |
|---------------|--|
| Description | Pomalidomide 5'-piperazine-4-methylpiperidine dihydrochloride are E3 ligase ligands for PROTAC synthesis. They bind to the CRBN E3 ligase complex to facilitate targeted protein degradation in drug discovery research. |
| Targets(IC50) | Ligands for E3 Ligase |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 40 mg/mL (78.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9515 mL | 9.7574 mL | 19.5149 mL |
| 5 mM | 0.3903 mL | 1.9515 mL | 3.903 mL |
| 10 mM | 0.1951 mL | 0.9757 mL | 1.9515 mL |
| 50 mM | 0.039 mL | 0.1951 mL | 0.3903 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

T Köhler, et al. Phospholipase A2 inhibition by alkylbenzoylacrylic acids. *Biochem Pharmacol.* 1992 Aug 18;44(4): 805-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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