

Thalidomide-Piperazine 5-fluoride

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 2222114-22-7 |
| Formula: | C17H17FN4O4 |
| Molecular Weight: | 360.34 |
| Storage: | Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|--|
| Description | Thalidomide-Piperazine 5-fluoride is a compound synthesized as an E3 ligase ligand-linker conjugate, incorporating a cereblon ligand derived from Thalidomide and utilizing a linker commonly employed in PROTAC technology. |
| Targets(IC50) | Apoptosis,Others,Autophagy,E3 Ligase Ligand-Linker Conjugates |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7752 mL | 13.8758 mL | 27.7516 mL |
| 5 mM | 0.555 mL | 2.7752 mL | 5.5503 mL |
| 10 mM | 0.2775 mL | 1.3876 mL | 2.7752 mL |
| 50 mM | 0.0555 mL | 0.2775 mL | 0.555 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

Hexiang Wang, et al. Degradation of androgen receptor (ar) by conjugation of ar antagonists with e3 ligase ligand and methods of use. WO2021058017A1.

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