

FC-14367

Chemical Properties

CAS No. : 3066893-65-7

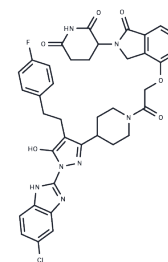
Formula: C₃₈H₃₅ClFN₇O₆

Molecular Weight: 740.18

Keep away from direct sunlight

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 | FC-14367 is a PROTAC degrader targeting the HIV-1Nef protein. It forms a ternary complex by binding Nef with CereblonE3 ubiquitin ligase, inducing ubiquitination of Nef and its subsequent proteasomal degradation. This restores cell surface CD4 and MHC-I expression, inhibiting HIV-1 replication. FC-14367 is useful for research on HIV infection and AIDS. |
| Targets(IC50) | HIV Protease,PROTACs |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.351 mL | 6.7551 mL | 13.5102 mL |
| 5 mM | 0.2702 mL | 1.351 mL | 2.702 mL |
| 10 mM | 0.1351 mL | 0.6755 mL | 1.351 mL |
| 50 mM | 0.027 mL | 0.1351 mL | 0.2702 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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