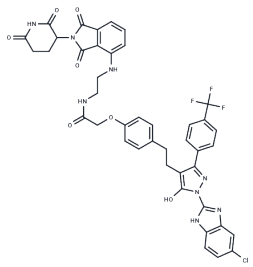
Data Sheet (Cat.No.T211151)

TargetMol

FC-14369

Chemical Properties



CAS No. : 3066894-28-5

Formula: C42H34ClF3N8O7

Molecular Weight: 855.22

Storage: Keep away from direct sunlight
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-14369 is a PROTAC degrader targeting the HIV-1Nef protein (HIV-1Nef protein) with a DC50 value of 160 nM. By means of its bifunctional structure, FC-14369 binds to both Nef and Cereblon E3 ubiquitin ligase, facilitating Nef ubiquitination and proteasomal degradation. This action restores the expression of cell surface CD4 and MHC-I, thereby inhibiting HIV-1 replication. FC-14369 is applicable in the study of HIV infection and AIDS.
Targets(IC50)	HIV Protease,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1693 mL	5.8464 mL	11.6929 mL
5 mM	0.2339 mL	1.1693 mL	2.3386 mL
10 mM	0.1169 mL	0.5846 mL	1.1693 mL
50 mM	0.0234 mL	0.1169 mL	0.2339 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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