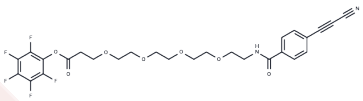
Data Sheet (Cat.No.T17452)

TargetMol

APN-PEG4-PFP

Chemical Properties



CAS No. :

Formula: C27H25F5N2O7

Molecular Weight: 584.49

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	APN-PEG4-PFP is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7109 mL	8.5545 mL	17.1089 mL
5 mM	0.3422 mL	1.7109 mL	3.4218 mL
10 mM	0.1711 mL	0.8554 mL	1.7109 mL
50 mM	0.0342 mL	0.1711 mL	0.3422 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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