Data Sheet (Cat.No.T17618)

TargetMol

Bis-PEG13-PFP ester

Chemical Properties

CAS No. : 1383567-59-6

Formula: C42H56F10O17

Molecular Weight: 1022.87

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	Bis-PEG13-PFP ester, a PEG-based linker for PROTACs, joins two essential ligands to form PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9776 mL	4.8882 mL	9.7764 mL
5 mM	0.1955 mL	0.9776 mL	1.9553 mL
10 mM	0.0978 mL	0.4888 mL	0.9776 mL
50 mM	0.0196 mL	0.0978 mL	0.1955 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

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