

Biotin-PEG36-PFP ester

Chemical Properties

CAS No. :

Formula: C91H164F5N3O40S

Molecular Weight: 2067.33

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	Biotin-PEG36-PFP ester is a PEG-based linker for PROTACs that joins two essential ligands, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4837 mL	2.4186 mL	4.8372 mL
5 mM	0.0967 mL	0.4837 mL	0.9674 mL
10 mM	0.0484 mL	0.2419 mL	0.4837 mL
50 mM	0.0097 mL	0.0484 mL	0.0967 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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