

Biotin-PEG24-TFP ester

Chemical Properties

CAS No. :

Formula: C67H117F4N3O28S

Molecular Weight: 1520.71



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-PEG24-TFP ester is a PEG-based linker for PROTACs, joining two essential ligands critical for PROTAC molecule formation. This linker facilitates 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 ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. Utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6576 mL	3.2879 mL	6.5759 mL
5 mM	0.1315 mL	0.6576 mL	1.3152 mL
10 mM	0.0658 mL	0.3288 mL	0.6576 mL
50 mM	0.0132 mL	0.0658 mL	0.1315 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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