

Azido-PEG8-PFP ester

Chemical Properties

CAS No. : 2055014-62-3

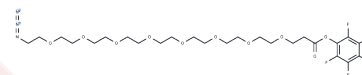
Formula: C₂₅H₃₆F₅N₃O₁₀

Molecular Weight: 633.56

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	Azido-PEG8-PFP ester is a PEG-based linker used in PROTACs to connect two essential ligands, facilitating the formation of PROTAC molecules. It enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5784 mL	7.8919 mL	15.7838 mL
5 mM	0.3157 mL	1.5784 mL	3.1568 mL
10 mM	0.1578 mL	0.7892 mL	1.5784 mL
50 mM	0.0316 mL	0.1578 mL	0.3157 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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