

Azido-PEG5-PFP ester

Chemical Properties

CAS No. : 1818294-48-2

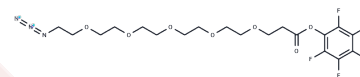
Formula: C19H24F5N3O7

Molecular Weight: 501.4

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-PEG5-PFP ester is a Polyethylene Glycol (PEG) and Alkyl/ether-based Proteolysis Targeting Chimera (PROTAC) linker, commonly used for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9944 mL	9.9721 mL	19.9442 mL
5 mM	0.3989 mL	1.9944 mL	3.9888 mL
10 mM	0.1994 mL	0.9972 mL	1.9944 mL
50 mM	0.0399 mL	0.1994 mL	0.3989 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

Zhang F, et al. Discovery of a new class of PROTAC BRD4 degraders based on a dihydroquinazolinone derivative and lenalidomide/pomalidomide. *Bioorg Med Chem.* 2020 Jan 1;28(1):115228.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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