

## Azido-PEG6-PFP ester

## Chemical Properties

CAS No. : 1818294-47-1

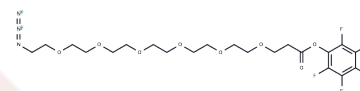
Formula: C<sub>21</sub>H<sub>28</sub>F<sub>5</sub>N<sub>3</sub>O<sub>8</sub>

Molecular Weight: 545.45

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-PEG6-PFP ester is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming 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 distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8333 mL	9.1667 mL	18.3335 mL
5 mM	0.3667 mL	1.8333 mL	3.6667 mL
10 mM	0.1833 mL	0.9167 mL	1.8333 mL
50 mM	0.0367 mL	0.1833 mL	0.3667 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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