

## Azido-PEG1-PFP ester

## Chemical Properties

CAS No. : 1807505-32-3

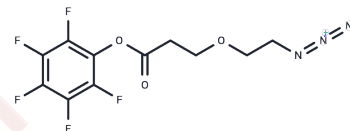
Formula: C<sub>11</sub>H<sub>8</sub>F<sub>5</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 325.19

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-PEG1-PFP ester, a PEG-based linker for PROTACs, connects two essential ligands critical for forming PROTAC molecules and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands linked together: one targeting an E3 ubiquitin ligase and the other targeting the intended protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0751 mL	15.3756 mL	30.7513 mL
5 mM	0.615 mL	3.0751 mL	6.1503 mL
10 mM	0.3075 mL	1.5376 mL	3.0751 mL
50 mM	0.0615 mL	0.3075 mL	0.615 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481