

## N-Fmoc-N'-(azido-PEG4)-L-Lysine-PFP ester

## Chemical Properties

CAS No. :

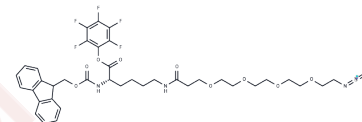
Formula: C<sub>38</sub>H<sub>42</sub>F<sub>5</sub>N<sub>5</sub>O<sub>9</sub>

Molecular Weight: 807.76

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	N-Fmoc-N'-(azido-PEG4)-L-Lysine-PFP ester is an alkyl/ether-based linker for PROTACs, facilitating the connection of two essential ligands critical for forming PROTAC molecules. This linker enables selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, while the other binds to a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.238 mL	6.190 mL	12.3799 mL
5 mM	0.2476 mL	1.238 mL	2.476 mL
10 mM	0.1238 mL	0.619 mL	1.238 mL
50 mM	0.0248 mL	0.1238 mL	0.2476 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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