

## Azido-PEG8-C1-NHS ester

## Chemical Properties

CAS No. : 2182601-81-4

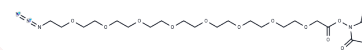
Formula: C<sub>22</sub>H<sub>38</sub>N<sub>4</sub>O<sub>12</sub>

Molecular Weight: 550.56

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-C1-NHS ester is a polyethylene glycol (PEG)-based linker designed for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8163 mL	9.0817 mL	18.1633 mL
5 mM	0.3633 mL	1.8163 mL	3.6327 mL
10 mM	0.1816 mL	0.9082 mL	1.8163 mL
50 mM	0.0363 mL	0.1816 mL	0.3633 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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