

## Azido-PEG7-t-butyl ester

## Chemical Properties

CAS No. : 2596867-40-0

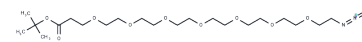
Formula: C<sub>21</sub>H<sub>41</sub>N<sub>3</sub>O<sub>9</sub>

Molecular Weight: 479.571

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-PEG7-t-butyl ester is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands, one for an E3 ubiquitin ligase and the other for a target protein, connected by a linker, and they utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0852 mL	10.426 mL	20.852 mL
5 mM	0.417 mL	2.0852 mL	4.1704 mL
10 mM	0.2085 mL	1.0426 mL	2.0852 mL
50 mM	0.0417 mL	0.2085 mL	0.417 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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