

## Azido-PEG2-C1-Boc

## Chemical Properties

CAS No. : 251564-45-1

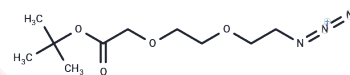
Formula: C<sub>10</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight: 245.28

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-PEG2-C1-Boc is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules. This linker leverages the ubiquitin-proteasome system within cells to enable selective protein degradation.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets the E3 ubiquitin ligase, and the other targets the intended protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade specific target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.077 mL	20.3849 mL	40.7697 mL
5 mM	0.8154 mL	4.077 mL	8.1539 mL
10 mM	0.4077 mL	2.0385 mL	4.077 mL
50 mM	0.0815 mL	0.4077 mL	0.8154 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