

Boc-NH-PEG15-azide

Chemical Properties

CAS No. :

Formula: C37H74N4O17

Molecular Weight: 847

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	Boc-NH-PEG15-azide, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize a bifunctional design with two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system for selective protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1806 mL	5.9032 mL	11.8064 mL
5 mM	0.2361 mL	1.1806 mL	2.3613 mL
10 mM	0.1181 mL	0.5903 mL	1.1806 mL
50 mM	0.0236 mL	0.1181 mL	0.2361 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