

Azido-PEG36-Boc

Chemical Properties

CAS No. :

Formula: C79H157N3O38

Molecular Weight: 1757.09

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-PEG36-Boc is a PEG-based linker for PROTACs, joining two essential ligands crucial for PROTAC molecule formation and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands linked together—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5691 mL	2.8456 mL	5.6912 mL
5 mM	0.1138 mL	0.5691 mL	1.1382 mL
10 mM	0.0569 mL	0.2846 mL	0.5691 mL
50 mM	0.0114 mL	0.0569 mL	0.1138 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