

Azido-PEG24-Boc

Chemical Properties

CAS No. :

Formula: C55H109N3O26

Molecular Weight: 1228.46

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-PEG24-Boc, a PEG-based linker, facilitates the formation of PROTAC molecules by joining two essential ligands and enables selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.814 mL	4.0701 mL	8.1403 mL
5 mM	0.1628 mL	0.814 mL	1.6281 mL
10 mM	0.0814 mL	0.407 mL	0.814 mL
50 mM	0.0163 mL	0.0814 mL	0.1628 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

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