

Azido-PEG4-amido-PEG4-Boc

Chemical Properties

CAS No. :

Formula: C₂₆H₅₀N₄O₁₁

Molecular Weight: 594.7



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-PEG4-amido-PEG4-Boc is a polyethylene glycol (PEG)-based linker utilized for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked by a connector—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6815 mL	8.4076 mL	16.8152 mL
5 mM	0.3363 mL	1.6815 mL	3.363 mL
10 mM	0.1682 mL	0.8408 mL	1.6815 mL
50 mM	0.0336 mL	0.1682 mL	0.3363 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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