

Azidoethyl-SS-PEG2-Boc

Chemical Properties

CAS No. : 2144777-83-1

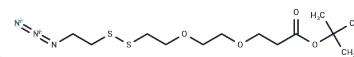
Formula: C13H25N3O4S2

Molecular Weight: 351.49

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	Azidoethyl-SS-PEG2-Boc is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation by the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase and the other binds to the target protein. They leverage the ubiquitin-proteasome system within cells to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.845 mL	14.2252 mL	28.4503 mL
5 mM	0.569 mL	2.845 mL	5.6901 mL
10 mM	0.2845 mL	1.4225 mL	2.845 mL
50 mM	0.0569 mL	0.2845 mL	0.569 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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