

t-Boc-Aminoxy-PEG5-azide

Chemical Properties

CAS No. : 2250216-95-4

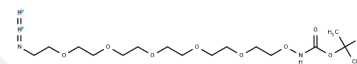
Formula: C17H34N4O8

Molecular Weight: 422.47

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	t-Boc-Aminoxy-PEG5-azide is a polyethylene glycol (PEG) derivative functioning as a linker for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.367 mL	11.8352 mL	23.6703 mL
5 mM	0.4734 mL	2.367 mL	4.7341 mL
10 mM	0.2367 mL	1.1835 mL	2.367 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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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