

N-(t-Boc-Aminoxy-PEG2)-N-bis(PEG3-propargyl)

Chemical Properties

CAS No. : 2112737-60-5

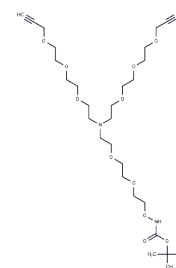
Formula: C₂₉H₅₂N₂O₁₁

Molecular Weight: 604.73

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	N-(t-Boc-Aminoxy-PEG2)-N-bis(PEG3-propargyl) is a polyethylene glycol (PEG) derivative designed as a linker for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase and the other targets a specific protein. By harnessing the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6536 mL	8.2682 mL	16.5363 mL
5 mM	0.3307 mL	1.6536 mL	3.3073 mL
10 mM	0.1654 mL	0.8268 mL	1.6536 mL
50 mM	0.0331 mL	0.1654 mL	0.3307 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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