

N-(Aminoxy-PEG3)-N-bis(PEG4-Boc)

Chemical Properties

CAS No. : 2112737-19-4

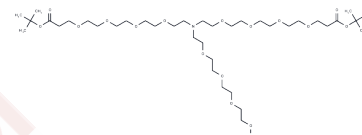
Formula: C38H76N2O16

Molecular Weight: 817.01

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-(Aminoxy-PEG3)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG)-based linker primarily used in PROTAC synthesis for developing proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together, one targeting an E3 ubiquitin ligase and the other the intended protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.224 mL	6.1199 mL	12.2398 mL
5 mM	0.2448 mL	1.224 mL	2.448 mL
10 mM	0.1224 mL	0.612 mL	1.224 mL
50 mM	0.0245 mL	0.1224 mL	0.2448 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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