

Benzyloxy carbonyl-PEG3-C2-Boc

Chemical Properties

CAS No. : 1835759-86-8

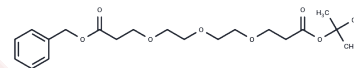
Formula: C₂₁H₃₂O₇

Molecular Weight: 396.47

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	Benzyloxy carbonyl-PEG3-C2-Boc, an alkyl/ether-based PROTAC linker, is a synthetic compound employed for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5223 mL	12.6113 mL	25.2226 mL
5 mM	0.5045 mL	2.5223 mL	5.0445 mL
10 mM	0.2522 mL	1.2611 mL	2.5223 mL
50 mM	0.0504 mL	0.2522 mL	0.5045 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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