

Boc-C1-PEG3-C4-OBn

Chemical Properties

CAS No. : 2381196-81-0

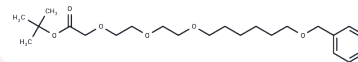
Formula: C₂₃H₃₈O₆

Molecular Weight: 410.54

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	Boc-C1-PEG3-C4-OBn (PROTAC Linker 15) is a PEG-based PROTAC linker used in the synthesis of various PROTACs, including PROTAC SGK3 degrader-1. PROTACs consist of two distinct ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase, while the other specifically interacts with the target protein, enabling selective degradation of target proteins via the intracellular ubiquitin-proteasome system[1].
Targets(IC50)	Others,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4358 mL	12.1791 mL	24.3582 mL
5 mM	0.4872 mL	2.4358 mL	4.8716 mL
10 mM	0.2436 mL	1.2179 mL	2.4358 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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

Tovell H, et al. Design and Characterization of SGK3-PROTAC1, an Isoform Specific SGK3 Kinase PROTACDegrader. ACS Chem Biol. 2019 Sep 20;14(9):2024-2034.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481