

NH2-PEG2-CH2-Boc

Chemical Properties

CAS No. : 1948273-09-3

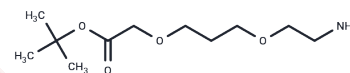
Formula: C₁₁H₂₃N₁O₄

Molecular Weight: 233.3

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	NH2-PEG2-CH2-Boc is a PEG-based linker for PROTACs, enabling the conjugation of two essential ligands for PROTAC molecule formation. This linker facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2863 mL	21.4316 mL	42.8633 mL
5 mM	0.8573 mL	4.2863 mL	8.5727 mL
10 mM	0.4286 mL	2.1432 mL	4.2863 mL
50 mM	0.0857 mL	0.4286 mL	0.8573 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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