

NH2-PEG8-C1-Boc

Chemical Properties

CAS No. :

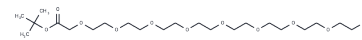
Formula: C₂₂H₄₅N₁O₁₀

Molecular Weight: 483.59

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-PEG8-C1-Boc is a PEG-based linker utilized in PROTACs, which connects two essential ligands for the formation of PROTAC molecules, facilitating selective protein degradation by exploiting the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds with two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0679 mL	10.3393 mL	20.6787 mL
5 mM	0.4136 mL	2.0679 mL	4.1357 mL
10 mM	0.2068 mL	1.0339 mL	2.0679 mL
50 mM	0.0414 mL	0.2068 mL	0.4136 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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