

## NH2-PEG6-C1-Boc

## Chemical Properties

CAS No. : 297162-50-6

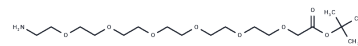
Formula: C18H37NO8

Molecular Weight: 395.49

Keep away from direct sunlight

Storage: Pure form: -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-PEG6-C1-Boc (H2N-PEG6-CH2COOtBu) is a PEG-based PROTAC linker. NH2-PEG6-C1-Boc can be used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5285 mL	12.6425 mL	25.2851 mL
5 mM	0.5057 mL	2.5285 mL	5.057 mL
10 mM	0.2529 mL	1.2643 mL	2.5285 mL
50 mM	0.0506 mL	0.2529 mL	0.5057 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;36:553-56

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