

## NH-bis(PEG4-Boc)

## Chemical Properties

CAS No. : 2055041-41-1

Formula: C30H59NO12

Molecular Weight: 625.79



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	NH-bis(PEG4-Boc) is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targeting an E3 ubiquitin ligase and the other targeting the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.598 mL	7.9899 mL	15.9798 mL
5 mM	0.3196 mL	1.598 mL	3.196 mL
10 mM	0.1598 mL	0.799 mL	1.598 mL
50 mM	0.032 mL	0.1598 mL	0.3196 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

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