

## N-(Boc-PEG5)-N-bis(PEG4-acid)

## Chemical Properties

CAS No. : 2093152-87-3

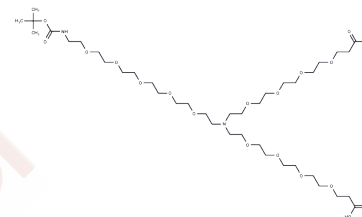
Formula: C39H76N2O19

Molecular Weight: 877.02

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	N-(Boc-PEG5)-N-bis(PEG4-acid) is a polyethylene glycol (PEG)-derived PROTAC linker used in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1402 mL	5.7011 mL	11.4022 mL
5 mM	0.228 mL	1.1402 mL	2.2804 mL
10 mM	0.114 mL	0.5701 mL	1.1402 mL
50 mM	0.0228 mL	0.114 mL	0.228 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481