

BocNH-PEG5-CH2CH2Br

Chemical Properties

CAS No. : 1392499-33-0

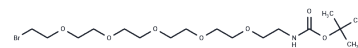
Formula: C17H34BrNO7

Molecular Weight: 444.36

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	BocNH-PEG5-CH2CH2Br is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules, and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. Through the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2504 mL	11.2521 mL	22.5043 mL
5 mM	0.4501 mL	2.2504 mL	4.5009 mL
10 mM	0.225 mL	1.1252 mL	2.2504 mL
50 mM	0.045 mL	0.225 mL	0.4501 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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