

Chloroacetamido-PEG4-C2-Boc

Chemical Properties

CAS No. : 1365655-90-8

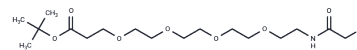
Formula: C17H32ClNO7

Molecular Weight: 397.89

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	Chloroacetamido-PEG4-C2-Boc is a PEG-based PROTAC linker with alkyl and ether functionalities, used in synthesizing PROTACs as a versatile platform for targeted protein degradation (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5133 mL	12.5663 mL	25.1326 mL
5 mM	0.5027 mL	2.5133 mL	5.0265 mL
10 mM	0.2513 mL	1.2566 mL	2.5133 mL
50 mM	0.0503 mL	0.2513 mL	0.5027 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

Wang Y, et al. Degradation of proteins by PROTACs and other strategies. Acta Pharm Sin B. 2020 Feb;10(2):207-238.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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