

Bromoacetamido-PEG3-C2-Boc

Chemical Properties

CAS No. : 1807537-33-2

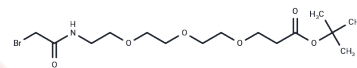
Formula: C₁₅H₂₈BrNO₆

Molecular Weight: 398.29

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	Bromoacetamido-PEG3-C2-Boc is a polyethylene glycol (PEG) derived linker suitable for the synthesis of proteolysis-targeting chimeras (PROTACs) [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	2.5107 mL	12.5537 mL	25.1073 mL
5 mM	0.5021 mL	2.5107 mL	5.0215 mL
10 mM	0.2511 mL	1.2554 mL	2.5107 mL
50 mM	0.0502 mL	0.2511 mL	0.5021 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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