

## Bromoacetamido-PEG4-C2-Boc

## Chemical Properties

CAS No. : 1807521-00-1

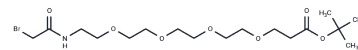
Formula: C17H32BrNO7

Molecular Weight: 442.34

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-PEG4-C2-Boc is a polyethylene glycol (PEG)- and alkyl/ether-based linker commonly used for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together, with one targeting an E3 ubiquitin ligase and the other the target protein. They utilize the ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2607 mL	11.3035 mL	22.607 mL
5 mM	0.4521 mL	2.2607 mL	4.5214 mL
10 mM	0.2261 mL	1.1304 mL	2.2607 mL
50 mM	0.0452 mL	0.2261 mL	0.4521 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

Darren H. Wakefield, et al. Poly(vinyl ester) Polymers for In Vivo Nucleic Acid Delivery. US20130121954A1.

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