

## Chloroacetamido-C-PEG3-C3-NHBoc

## Chemical Properties

CAS No. : 934164-55-3

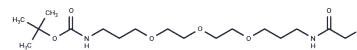
Formula: C17H33ClN2O6

Molecular Weight: 396.91

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-C-PEG3-C3-NHBoc is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein, leveraging the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5195 mL	12.5973 mL	25.1946 mL
5 mM	0.5039 mL	2.5195 mL	5.0389 mL
10 mM	0.2519 mL	1.2597 mL	2.5195 mL
50 mM	0.0504 mL	0.2519 mL	0.5039 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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