

## Bromoacetamido-PEG9-ethylcarbamoyl-C12-Boc

## Chemical Properties

CAS No. :

Formula: C40H77BrN2O13

Molecular Weight: 873.95



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-PEG9-ethylcarbamoyl-C12-Boc is a polyethylene glycol (PEG) derived linker used in synthesizing proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targeting an E3 ubiquitin ligase and the other targeting the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1442 mL	5.7212 mL	11.4423 mL
5 mM	0.2288 mL	1.1442 mL	2.2885 mL
10 mM	0.1144 mL	0.5721 mL	1.1442 mL
50 mM	0.0229 mL	0.1144 mL	0.2288 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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