

## Bromoacetamido-PEG2-C2-acid

## Chemical Properties

CAS No. : 1415800-44-0

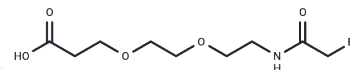
Formula: C<sub>9</sub>H<sub>16</sub>BrNO<sub>5</sub>

Molecular Weight: 298.13

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-PEG2-C2-acid is a polyethylene glycol (PEG)-based linker utilized in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3542 mL	16.7712 mL	33.5424 mL
5 mM	0.6708 mL	3.3542 mL	6.7085 mL
10 mM	0.3354 mL	1.6771 mL	3.3542 mL
50 mM	0.0671 mL	0.3354 mL	0.6708 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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