

Bromoacetamido-PEG3-C2-acid

Chemical Properties

CAS No. : 1807534-79-7

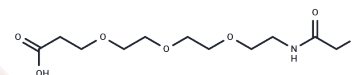
Formula: C₁₁H₂₀BrNO₆

Molecular Weight: 342.18

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-acid is a polyethylene glycol (PEG) derived linker utilized in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize a linker to connect two different ligands: one targeting an E3 ubiquitin ligase and the other the target protein. By exploiting the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9224 mL	14.6122 mL	29.2244 mL
5 mM	0.5845 mL	2.9224 mL	5.8449 mL
10 mM	0.2922 mL	1.4612 mL	2.9224 mL
50 mM	0.0584 mL	0.2922 mL	0.5845 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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