

2-Bromo-2,2-dimethyl-acetamido-PEG3-acid

Chemical Properties

CAS No. : 2279944-67-9

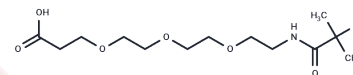
Formula: C₁₃H₂₄BrNO₆

Molecular Weight: 370.24

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	2-Bromo-2,2-dimethyl-acetamido-PEG3-acid is a polyethylene glycol (PEG) derivative commonly used as a PEG-based PROTAC linker in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds with two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.701 mL	13.5048 mL	27.0095 mL
5 mM	0.5402 mL	2.701 mL	5.4019 mL
10 mM	0.2701 mL	1.3505 mL	2.701 mL
50 mM	0.054 mL	0.2701 mL	0.5402 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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