

Bromoacetamido-PEG3-NH-Boc

Chemical Properties

CAS No. : 1421933-39-2

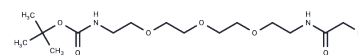
Formula: C₁₅H₂₉BrN₂O₆

Molecular Weight: 413.3

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-NH-Boc is a polyethylene glycol (PEG)-based linker compound used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, and the other to the target protein. By harnessing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4195 mL	12.0977 mL	24.1955 mL
5 mM	0.4839 mL	2.4195 mL	4.8391 mL
10 mM	0.242 mL	1.2098 mL	2.4195 mL
50 mM	0.0484 mL	0.242 mL	0.4839 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481