

## Bromo-PEG1-CH2-Boc

## Chemical Properties

CAS No. : 157759-50-7

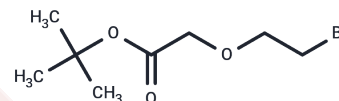
Formula: C<sub>8</sub>H<sub>15</sub>BrO<sub>3</sub>

Molecular Weight: 239.11

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	Bromo-PEG1-CH2-Boc is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by containing two ligands connected by a linker: one for an E3 ubiquitin ligase and the other for the target protein [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1822 mL	20.9109 mL	41.8218 mL
5 mM	0.8364 mL	4.1822 mL	8.3644 mL
10 mM	0.4182 mL	2.0911 mL	4.1822 mL
50 mM	0.0836 mL	0.4182 mL	0.8364 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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