

## Bromo-PEG6-alcohol

## Chemical Properties

CAS No. : 136399-05-8

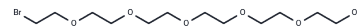
Formula: C<sub>12</sub>H<sub>25</sub>BrO<sub>6</sub>

Molecular Weight: 345.23

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-PEG6-alcohol is a PEG-based linker for PROTACs (Proteolysis Targeting Chimeras) that joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8966 mL	14.4831 mL	28.9662 mL
5 mM	0.5793 mL	2.8966 mL	5.7932 mL
10 mM	0.2897 mL	1.4483 mL	2.8966 mL
50 mM	0.0579 mL	0.2897 mL	0.5793 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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