

Br-PEG6-C2-acid

Chemical Properties

CAS No. : 309916-91-4

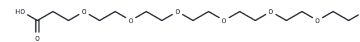
Formula: C15H29BrO8

Molecular Weight: 417.293

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	Br-PEG6-C2-acid, a PEG-based linker for PROTACs, connects two essential ligands, facilitating the formation of PROTAC molecules and enabling 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 ligand is for an E3 ubiquitin ligase, and the other is for the target protein[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3964 mL	11.9821 mL	23.9641 mL
5 mM	0.4793 mL	2.3964 mL	4.7928 mL
10 mM	0.2396 mL	1.1982 mL	2.3964 mL
50 mM	0.0479 mL	0.2396 mL	0.4793 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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