Data Sheet (Cat.No.T14770)

TargetMol

Br-PEG3-OH

Chemical Properties

CAS No. : 57641-67-5

Formula: C6H13BrO3

Molecular Weight: 213.07

Storage: Keep away from direct sunlight
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-PEG3-OH is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
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 while the other targets the specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6933 mL	23.4665 mL	46.9329 mL
5 mM	0.9387 mL	4.6933 mL	9.3866 mL
10 mM	0.4693 mL	2.3466 mL	4.6933 mL
50 mM	0.0939 mL	0.4693 mL	0.9387 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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