

Br-PEG7-Br

Chemical Properties

CAS No. : 177987-04-1

Formula: C₁₆H₃₂Br₂O₇

Molecular Weight: 496.23

Keep away from direct sunlight

Storage: Pure form: -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-PEG7-Br is a PEG-based PROTAC linker utilized in PROTAC synthesis.
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two different ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0152 mL	10.076 mL	20.1519 mL
5 mM	0.403 mL	2.0152 mL	4.0304 mL
10 mM	0.2015 mL	1.0076 mL	2.0152 mL
50 mM	0.0403 mL	0.2015 mL	0.403 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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