

Bromo-PEG3-bromide

Chemical Properties

CAS No. : 31255-26-2

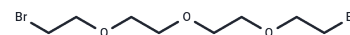
Formula: C₈H₁₆Br₂O₃

Molecular Weight: 320.02

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-PEG3-bromide is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of 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 ligands joined by a linker, one binding to an E3 ubiquitin ligase and the other to a target protein, harnessing the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1248 mL	15.624 mL	31.248 mL
5 mM	0.625 mL	3.1248 mL	6.2496 mL
10 mM	0.3125 mL	1.5624 mL	3.1248 mL
50 mM	0.0625 mL	0.3125 mL	0.625 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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