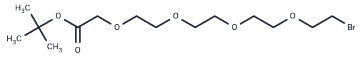
Data Sheet (Cat.No.T14772)

TargetMol

Br-PEG4-CH2-Boc

Chemical Properties



CAS No. : 1807505-29-8

Formula: C14H27BrO6

Molecular Weight: 371.26

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-PEG4-CH2-Boc, a PEG- and Alkyl/ether-based PROTAC linker, serves as a valuable component for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6935 mL	13.4677 mL	26.9353 mL
5 mM	0.5387 mL	2.6935 mL	5.3871 mL
10 mM	0.2694 mL	1.3468 mL	2.6935 mL
50 mM	0.0539 mL	0.2694 mL	0.5387 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

Darren H. Wakefield, et al. Poly(vinyl ester) Polymers for In Vivo Nucleic Acid Delivery. US20130121954A1.

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