

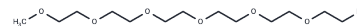
## m-PEG6-Br

## Chemical Properties

CAS No. : 125562-29-0

Formula: C13H27BrO6

Molecular Weight: 359.254



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	m-PEG6-Br, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7836 mL	13.9179 mL	27.8358 mL
5 mM	0.5567 mL	2.7836 mL	5.5672 mL
10 mM	0.2784 mL	1.3918 mL	2.7836 mL
50 mM	0.0557 mL	0.2784 mL	0.5567 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

Jennifer Riggs-Sauthier, et al. Oligomer-antihistamine conjugates. WO2008112257A1.

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