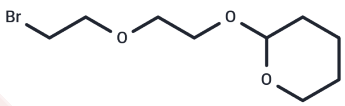
Data Sheet (Cat.No.T39006)

TargetMol

Bromo-PEG2-THP

Chemical Properties



CAS No. : 152065-54-8

Formula: C9H17BrO3

Molecular Weight: 253.13

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	Bromo-PEG2-THP, 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 distinct ligands joined by a linker: one ligand for an E3 ubiquitin ligase and the other for the target protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9505 mL	19.7527 mL	39.5054 mL
5 mM	0.7901 mL	3.9505 mL	7.9011 mL
10 mM	0.3951 mL	1.9753 mL	3.9505 mL
50 mM	0.079 mL	0.3951 mL	0.7901 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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