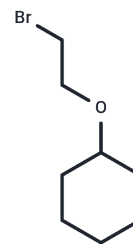


## Cyclohexane-PEG1-Br

## Chemical Properties

CAS No. :	131665-94-6
Formula:	C <sub>8</sub> H <sub>15</sub> BrO
Molecular Weight:	207.11
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Cyclohexane-PEG1-Br is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: 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	4.8284 mL	24.1418 mL	48.2835 mL
5 mM	0.9657 mL	4.8284 mL	9.6567 mL
10 mM	0.4828 mL	2.4142 mL	4.8284 mL
50 mM	0.0966 mL	0.4828 mL	0.9657 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481