Data Sheet (Cat.No.T15891)

TargetMol

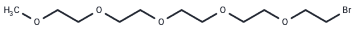
m-PEG5-Br

Chemical Properties

CAS No. : 854601-80-2

Formula: C11H23BrO5

Molecular Weight: 315.2



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	m-PEG5-Br is a PEG-based linker for PROTACs, joining 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, comprising two ligands linked by a connector—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1726 mL	15.8629 mL	31.7259 mL
5 mM	0.6345 mL	3.1726 mL	6.3452 mL
10 mM	0.3173 mL	1.5863 mL	3.1726 mL
50 mM	0.0635 mL	0.3173 mL	0.6345 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-Protein Tyrosine Kinase Inhibitor Conjugates. US20120094998A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481