Data Sheet (Cat.No.T18190)

TargetMol

m-PEG36-alcohol

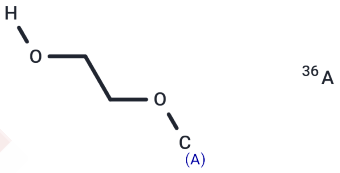
Chemical Properties

CAS No. :

Formula: C73H148O37

Molecular Weight: 1618

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-PEG36-alcohol is a PEG-based linker for PROTACs that joins two essential ligands, crucial for the formation of PROTAC molecules. This linker facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs (Proteolysis Targeting Chimeras) consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.618 mL	3.0902 mL	6.1805 mL
5 mM	0.1236 mL	0.618 mL	1.2361 mL
10 mM	0.0618 mL	0.309 mL	0.618 mL
50 mM	0.0124 mL	0.0618 mL	0.1236 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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