Data Sheet (Cat.No.T18206)

TargetMol

m-PEG48-OH

Chemical Properties

CAS No. :

Formula: C97H196O49

Molecular Weight: 2146.56

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-PEG48-OH is a PEG-based linker for PROTACs that joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4659 mL	2.3293 mL	4.6586 mL
5 mM	0.0932 mL	0.4659 mL	0.9317 mL
10 mM	0.0466 mL	0.2329 mL	0.4659 mL
50 mM	0.0093 mL	0.0466 mL	0.0932 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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