

m-PEG24-alcohol

Chemical Properties

CAS No. :	2376450-73-4
Formula:	C49H100O25
Molecular Weight:	1089.3
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	m-PEG24-alcohol is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules. This linker 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 connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.918 mL	4.5901 mL	9.1802 mL
5 mM	0.1836 mL	0.918 mL	1.836 mL
10 mM	0.0918 mL	0.459 mL	0.918 mL
50 mM	0.0184 mL	0.0918 mL	0.1836 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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