

m-PEG24-acid

Chemical Properties

CAS No. :	2248203-61-2
Formula:	C50H100O26
Molecular Weight:	1117.31
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-acid is a PEG-based linker for PROTACs, joining two essential ligands that are crucial for forming PROTAC molecules; this linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.895 mL	4.475 mL	8.9501 mL
5 mM	0.179 mL	0.895 mL	1.790 mL
10 mM	0.0895 mL	0.4475 mL	0.895 mL
50 mM	0.0179 mL	0.0895 mL	0.179 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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