

m-PEG25-Hydrazide

Chemical Properties

CAS No. :

Formula: C52H106N2O26

Molecular Weight: 1175.4

Keep away from direct sunlight

Storage: 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-PEG25-Hydrazide is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade the target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8508 mL	4.2539 mL	8.5077 mL
5 mM	0.1702 mL	0.8508 mL	1.7015 mL
10 mM	0.0851 mL	0.4254 mL	0.8508 mL
50 mM	0.017 mL	0.0851 mL	0.1702 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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