

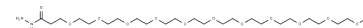
m-PEG11-Hydrazide

Chemical Properties

CAS No. :

Formula: C₂₄H₅₀N₂O₁₂

Molecular Weight: 558.66



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-PEG11-Hydrazide is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked by a connector—one binding to an E3 ubiquitin ligase and the other to the target protein—exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.790 mL	8.950 mL	17.900 mL
5 mM	0.358 mL	1.790 mL	3.580 mL
10 mM	0.179 mL	0.895 mL	1.790 mL
50 mM	0.0358 mL	0.179 mL	0.358 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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