

HO-PEG24-CH₂COOH

Chemical Properties

CAS No. :

Formula: C₅₀H₁₀₀O₂₇

Molecular Weight: 1133.31

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	HO-PEG24-CH ₂ COOH is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other targets the protein of interest. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8824 mL	4.4119 mL	8.8237 mL
5 mM	0.1765 mL	0.8824 mL	1.7647 mL
10 mM	0.0882 mL	0.4412 mL	0.8824 mL
50 mM	0.0176 mL	0.0882 mL	0.1765 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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