

HO-PEG21-OH

Chemical Properties

CAS No. :	928211-42-1
Formula:	C42H86O22
Molecular Weight:	943.12
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	HO-PEG21-OH is a PEG-based linker for PROTACs, enabling the selective degradation of proteins by connecting two essential ligands and utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. By utilizing the intracellular ubiquitin-proteasome system, PROTACs effectively facilitate the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0603 mL	5.3016 mL	10.6031 mL
5 mM	0.2121 mL	1.0603 mL	2.1206 mL
10 mM	0.106 mL	0.5302 mL	1.0603 mL
50 mM	0.0212 mL	0.106 mL	0.2121 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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