

NH2-PEG4-Glu(OH)-NH-m-PEG24

Chemical Properties

CAS No. :

Formula: C65H129N3O32

Molecular Weight: 1464.72

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	NH2-PEG4-Glu(OH)-NH-m-PEG24 is a PEG-based PROTAC linker suitable for PROTAC synthesis [1].
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 desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs achieve selective degradation of the target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6827 mL	3.4136 mL	6.8272 mL
5 mM	0.1365 mL	0.6827 mL	1.3654 mL
10 mM	0.0683 mL	0.3414 mL	0.6827 mL
50 mM	0.0137 mL	0.0683 mL	0.1365 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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