

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

Chemical Properties

CAS No. : 2204309-09-9

Formula: C72H134N4O35

Molecular Weight: 1615.84

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	Mal-PEG4-Glu(OH)-NH-m-PEG24 is a polyethylene glycol-based (PEG-based) linker, specifically designed for the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two distinct ligands linked together—one targeting an E3 ubiquitin ligase and the other binding to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6189 mL	3.0944 mL	6.1887 mL
5 mM	0.1238 mL	0.6189 mL	1.2377 mL
10 mM	0.0619 mL	0.3094 mL	0.6189 mL
50 mM	0.0124 mL	0.0619 mL	0.1238 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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