

Mal-PEG4-Lys(TFA)-NH-m-PEG24

Chemical Properties

CAS No. :

Formula: C75H140F3N5O35

Molecular Weight: 1728.92

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-Lys(TFA)-NH-m-PEG24 is a polyethylene glycol (PEG) derivative designed as a PROTAC linker for synthesizing proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5784 mL	2.892 mL	5.784 mL
5 mM	0.1157 mL	0.5784 mL	1.1568 mL
10 mM	0.0578 mL	0.2892 mL	0.5784 mL
50 mM	0.0116 mL	0.0578 mL	0.1157 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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