

Mal-PEG4-Glu(TFP ester)-NH-m-PEG24

Chemical Properties

CAS No. : 2408741-87-5

Formula: C78H134F4N4O35

Molecular Weight: 1763.917

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(TFP ester)-NH-m-PEG24 is a polyethylene glycol (PEG)-based linker crucial for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two ligands linked together: one binding to an E3 ubiquitin ligase and the other to the target protein, thereby utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5669 mL	2.8346 mL	5.6692 mL
5 mM	0.1134 mL	0.5669 mL	1.1338 mL
10 mM	0.0567 mL	0.2835 mL	0.5669 mL
50 mM	0.0113 mL	0.0567 mL	0.1134 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481