

Mal-amido-PEG24-TFP ester

Chemical Properties

CAS No. :

Formula: C64H108F4N2O29

Molecular Weight: 1445.53

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-amido-PEG24-TFP ester is a polyethylene glycol (PEG)-derived linker utilized for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6918 mL	3.4589 mL	6.9179 mL
5 mM	0.1384 mL	0.6918 mL	1.3836 mL
10 mM	0.0692 mL	0.3459 mL	0.6918 mL
50 mM	0.0138 mL	0.0692 mL	0.1384 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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