

Mal-NH-PEG24-CH₂CH₂COOPFP ester

Chemical Properties

CAS No. :

Formula: C₆₄H₁₀₇F₅N₂O₂₉

Molecular Weight: 1463.52

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-NH-PEG24-CH ₂ CH ₂ COOPFP is a polyethylene glycol (PEG)-based ester, serving as a PROTAC linker in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6833 mL	3.4164 mL	6.8328 mL
5 mM	0.1367 mL	0.6833 mL	1.3666 mL
10 mM	0.0683 mL	0.3416 mL	0.6833 mL
50 mM	0.0137 mL	0.0683 mL	0.1367 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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