

Mal-NH-PEG4-CH₂CH₂COOPFP ester

Chemical Properties

CAS No. : 1347750-84-8

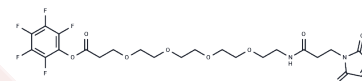
Formula: C₂₄H₂₇F₅N₂O₉

Molecular Weight: 582.47

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-PEG4-CH ₂ CH ₂ COOPFP ester, a polyethylene glycol (PEG) based linker, is used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binding to an E3 ubiquitin ligase and the other 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	1.7168 mL	8.5841 mL	17.1683 mL
5 mM	0.3434 mL	1.7168 mL	3.4337 mL
10 mM	0.1717 mL	0.8584 mL	1.7168 mL
50 mM	0.0343 mL	0.1717 mL	0.3434 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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