

Mal-NH-PEG2-CH₂CH₂COOPFP ester

Chemical Properties

CAS No. : 1347750-81-5

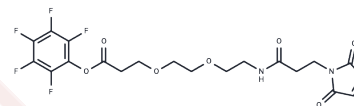
Formula: C₂₀H₁₉F₅N₂O₇

Molecular Weight: 494.37

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-PEG2-CH ₂ CH ₂ COOPFP ester, a polyethylene glycol (PEG) derived linker, is specifically designed for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to achieve selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0228 mL	10.1139 mL	20.2278 mL
5 mM	0.4046 mL	2.0228 mL	4.0456 mL
10 mM	0.2023 mL	1.0114 mL	2.0228 mL
50 mM	0.0405 mL	0.2023 mL	0.4046 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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