

Mal-PEG6-PFP ester

Chemical Properties

CAS No. : 1599486-33-5

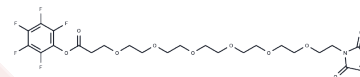
Formula: C₂₅H₃₀F₅N₁₀O₁₀

Molecular Weight: 599.5

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-PEG6-PFP ester is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6681 mL	8.3403 mL	16.6806 mL
5 mM	0.3336 mL	1.6681 mL	3.3361 mL
10 mM	0.1668 mL	0.834 mL	1.6681 mL
50 mM	0.0334 mL	0.1668 mL	0.3336 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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