

Mal-PEG3-PFP ester

Chemical Properties

CAS No. : 1807534-78-6

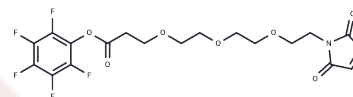
Formula: C19H18F5NO7

Molecular Weight: 467.34

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-PEG3-PFP ester is a PEG-based linker for PROTACs, facilitating the combination of two essential ligands, thereby crucial in the formation of PROTAC molecules. This linker promotes selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase while the other binds to the target protein. PROTACs leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1398 mL	10.6988 mL	21.3977 mL
5 mM	0.428 mL	2.1398 mL	4.2795 mL
10 mM	0.214 mL	1.0699 mL	2.1398 mL
50 mM	0.0428 mL	0.214 mL	0.428 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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