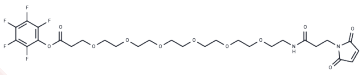
Data Sheet (Cat.No.T18260)

TargetMol

Mal-NH-PEG6-CH2CH2COOPFP ester

Chemical Properties



CAS No. : 1599432-34-4

Formula: C28H35F5N2O11

Molecular Weight: 670.58

Storage: Keep away from direct sunlight
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-PEG6-CH2CH2COOPFP ester, a polyethylene glycol (PEG)-based linker, is specifically designed for the synthesis of PROTACs and is known as a PROTAC linker[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade specific target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4912 mL	7.4562 mL	14.9125 mL
5 mM	0.2982 mL	1.4912 mL	2.9825 mL
10 mM	0.1491 mL	0.7456 mL	1.4912 mL
50 mM	0.0298 mL	0.1491 mL	0.2982 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.

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