Data Sheet (Cat.No.T18256)

TargetMol

Mal-NH-PEG16-CH2CH2COOPFP ester

Chemical Properties

CAS No. :

Formula: C48H75F5N2O21

Molecular Weight: 1111.1

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-PEG16-CH2CH2COOPFP ester is a polyethylene glycol-based linker designed for synthesizing proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands connected by a linker: one binds 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	0.900 mL	4.500 mL	9.0001 mL
5 mM	0.180 mL	0.900 mL	1.800 mL
10 mM	0.090 mL	0.450 mL	0.900 mL
50 mM	0.018 mL	0.090 mL	0.180 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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