Data Sheet (Cat.No.T18255)

TargetMol

Mal-NH-PEG14-CH2CH2COOPFP ester

Chemical Properties

CAS No. :

Formula: C44H67F5N2O19

Molecular Weight: 1023

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-PEG14-CH2CH2COOPFP ester is a polyethylene glycol-based (PEG) linker used in PROteolysis TArgeting Chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They harness the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9775 mL	4.8876 mL	9.7752 mL
5 mM	0.1955 mL	0.9775 mL	1.955 mL
10 mM	0.0978 mL	0.4888 mL	0.9775 mL
50 mM	0.0196 mL	0.0978 mL	0.1955 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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