Data Sheet (Cat.No.T18255)

TargetMol
YOUR TARGET MOLECULES

Mal-NH-PEG14-CH2CH2COOPFP ester

Chemical Properties

CAS No. :

Formula: C44H67F5N2O19

Molecular Weight: 1023

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Mal-NH-PEG14-CH2CH2COOPFP ester is a polyethylene glycol-based (PEG) linker for PROteolysis TArgeting Chimeras (PROTACs) [1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade 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.

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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