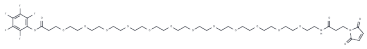
Data Sheet (Cat.No.T18254)

TargetMol

Mal-NH-PEG12-CH2CH2COOPFP ester

Chemical Properties



CAS No. : 2136296-33-6

Formula: C40H59F5N2O17

Molecular Weight: 934.89

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-PEG12-CH2CH2COOPFP ester is a polyethylene glycol (PEG) based linker molecule designed specifically for the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0696 mL	5.3482 mL	10.6964 mL
5 mM	0.2139 mL	1.0696 mL	2.1393 mL
10 mM	0.107 mL	0.5348 mL	1.0696 mL
50 mM	0.0214 mL	0.107 mL	0.2139 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481