

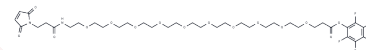
Mal-NH-PEG10-CH₂CH₂COOPFP ester

Chemical Properties

CAS No. :

Formula: C₃₆H₅₁F₅N₂O₁₅

Molecular Weight: 846.79



Keep away from direct sunlight

Storage: 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-PEG10-CH ₂ CH ₂ COOPFP ester is a polyethylene glycol (PEG)-based linker molecule used in 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 ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1809 mL	5.9047 mL	11.8093 mL
5 mM	0.2362 mL	1.1809 mL	2.3619 mL
10 mM	0.1181 mL	0.5905 mL	1.1809 mL
50 mM	0.0236 mL	0.1181 mL	0.2362 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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