

## Mal-amido-PEG12-TFP ester

## Chemical Properties

CAS No. :

Formula: C40H60F4N2O17

Molecular Weight: 916.9



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-amido-PEG12-TFP ester is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0906 mL	5.4532 mL	10.9063 mL
5 mM	0.2181 mL	1.0906 mL	2.1813 mL
10 mM	0.1091 mL	0.5453 mL	1.0906 mL
50 mM	0.0218 mL	0.1091 mL	0.2181 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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