

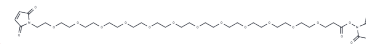
Mal-PEG12-NHS ester

Chemical Properties

CAS No. :

Formula: C35H58N2O18

Molecular Weight: 794.84



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-PEG12-NHS ester is a PEG-based linker for PROTACs that joins two essential ligands, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase and 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	1.2581 mL	6.2906 mL	12.5811 mL
5 mM	0.2516 mL	1.2581 mL	2.5162 mL
10 mM	0.1258 mL	0.6291 mL	1.2581 mL
50 mM	0.0252 mL	0.1258 mL	0.2516 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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