

## Mal-NO2-Ph-PEG12-NHS

## Chemical Properties

CAS No. :

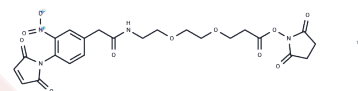
Formula: C42H62N4O21

Molecular Weight: 959

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-NO2-Ph-PEG12-NHS is a PEG-based linker for PROTACs, connecting two essential ligands for forming PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0428 mL	5.2138 mL	10.4275 mL
5 mM	0.2086 mL	1.0428 mL	2.0855 mL
10 mM	0.1043 mL	0.5214 mL	1.0428 mL
50 mM	0.0209 mL	0.1043 mL	0.2086 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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