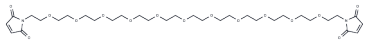
Data Sheet (Cat.No.T18269)

TargetMol

Mal-PEG11-mal

Chemical Properties



CAS No. :

Formula: C32H52N2O15

Molecular Weight: 704.76

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-PEG11-mal, a PEG-based linker for PROTACs, joins two essential ligands critical for forming PROTAC molecules, allowing selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4189 mL	7.0946 mL	14.1892 mL
5 mM	0.2838 mL	1.4189 mL	2.8378 mL
10 mM	0.1419 mL	0.7095 mL	1.4189 mL
50 mM	0.0284 mL	0.1419 mL	0.2838 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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