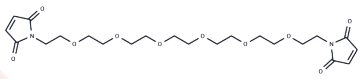
Data Sheet (Cat.No.T18297)

TargetMol

Mal-PEG6-mal

Chemical Properties



CAS No. :

Formula: C22H32N2O10

Molecular Weight: 484.5

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-PEG6-mal is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules. It enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together—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	2.064 mL	10.3199 mL	20.6398 mL
5 mM	0.4128 mL	2.064 mL	4.128 mL
10 mM	0.2064 mL	1.032 mL	2.064 mL
50 mM	0.0413 mL	0.2064 mL	0.4128 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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