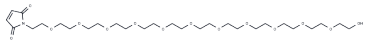
Data Sheet (Cat.No.T18271)

TargetMol

Mal-PEG12-alcohol

Chemical Properties



CAS No. :

Formula: C28H51NO14

Molecular Weight: 625.7

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-PEG12-alcohol, a PEG-based linker for PROTACs, facilitates the joining of two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5982 mL	7.9911 mL	15.9821 mL
5 mM	0.3196 mL	1.5982 mL	3.1964 mL
10 mM	0.1598 mL	0.7991 mL	1.5982 mL
50 mM	0.032 mL	0.1598 mL	0.3196 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481