Data Sheet (Cat.No.T18234)

TargetMol

Mal-amido-PEG10-acid

Chemical Properties

CAS No. :

Formula: C30H52N2O15

Molecular Weight: 680.74

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-amido-PEG10-acid is a PEG-based linker used in PROTACs, facilitating the combination of two key ligands essential for PROTAC molecule formation. This linker aids in selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.469 mL	7.3449 mL	14.6899 mL
5 mM	0.2938 mL	1.469 mL	2.938 mL
10 mM	0.1469 mL	0.7345 mL	1.469 mL
50 mM	0.0294 mL	0.1469 mL	0.2938 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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