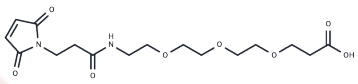
Data Sheet (Cat.No.T39450)

TargetMol

Mal-amido-PEG3-acid

Chemical Properties



CAS No. : 2055353-75-6

Formula: C16H24N2O8

Molecular Weight: 372.37

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-PEG3-acid is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules, [Biomedical applications]. This linker facilitates 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, while the other targets the protein of interest. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6855 mL	13.4275 mL	26.855 mL
5 mM	0.5371 mL	2.6855 mL	5.371 mL
10 mM	0.2686 mL	1.3428 mL	2.6855 mL
50 mM	0.0537 mL	0.2686 mL	0.5371 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

Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27 (8):998-1014.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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