Data Sheet (Cat.No.T15958)

TargetMol

Mal-amido-PEG6-acid

Chemical Properties

CAS No. : 1334177-79-5

Formula: C22H36N2O11

Molecular Weight: 504.528

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-PEG6-acid is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a spacer: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.982 mL	9.9102 mL	19.8204 mL
5 mM	0.3964 mL	1.982 mL	3.9641 mL
10 mM	0.1982 mL	0.991 mL	1.982 mL
50 mM	0.0396 mL	0.1982 mL	0.3964 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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