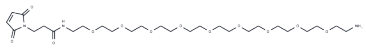
Data Sheet (Cat.No.T15965)

TargetMol

Mal-amido-PEG9-amine

Chemical Properties



CAS No. : 2182602-22-6

Formula: C27H49N3O12

Molecular Weight: 607.69

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-PEG9-amine, a PEG-based linker for PROTACs, 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, featuring two distinct ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—leverage the intracellular ubiquitin-proteasome system to specifically degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6456 mL	8.2279 mL	16.4558 mL
5 mM	0.3291 mL	1.6456 mL	3.2912 mL
10 mM	0.1646 mL	0.8228 mL	1.6456 mL
50 mM	0.0329 mL	0.1646 mL	0.3291 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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