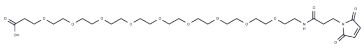
Data Sheet (Cat.No.T15964)

TargetMol

Mal-amido-PEG9-acid

Chemical Properties



CAS No. : 2112731-43-6

Formula: C28H48N2O14

Molecular Weight: 636.69

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-acid is a PEG-based linker for PROTACs, crucial for joining two essential ligands and facilitating 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 targets an E3 ubiquitin ligase, and the other binds the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5706 mL	7.8531 mL	15.7062 mL
5 mM	0.3141 mL	1.5706 mL	3.1412 mL
10 mM	0.1571 mL	0.7853 mL	1.5706 mL
50 mM	0.0314 mL	0.1571 mL	0.3141 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