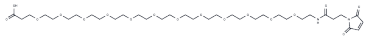
Data Sheet (Cat.No.T18236)

TargetMol

Mal-amido-PEG12-acid

Chemical Properties



CAS No. : 2378428-27-2

Formula: C34H60N2O17

Molecular Weight: 768.84

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-PEG12-acid is a PEG-based linker for PROTACs, facilitating the formation of PROTAC molecules by connecting two essential ligands and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector; one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3007 mL	6.5033 mL	13.0066 mL
5 mM	0.2601 mL	1.3007 mL	2.6013 mL
10 mM	0.1301 mL	0.6503 mL	1.3007 mL
50 mM	0.026 mL	0.1301 mL	0.2601 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