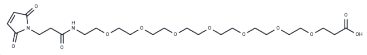
Data Sheet (Cat.No.T15960)

TargetMol

Mal-amido-PEG7-acid

Chemical Properties



CAS No. : 2112731-42-5

Formula: C24H40N2O12

Molecular Weight: 548.58

Storage: The compound is unstable in solution. Please use soon
Pure form: -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-PEG7-acid (Mal-NH-PEG7-COOH) is a PEG-based PROTAC linker that can be used to synthesize PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins. PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8229 mL	9.1144 mL	18.2289 mL
5 mM	0.3646 mL	1.8229 mL	3.6458 mL
10 mM	0.1823 mL	0.9114 mL	1.8229 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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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