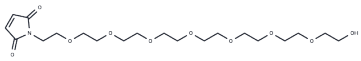
Data Sheet (Cat.No.T18298)

TargetMol

Mal-PEG8-alcohol

Chemical Properties



CAS No. : 2353409-63-7

Formula: C20H35NO10

Molecular Weight: 449.49

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-PEG8-alcohol is a PEG-based linker used in PROTACs, joining two essential ligands crucial for forming PROTAC molecules, and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the specific protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2247 mL	11.1237 mL	22.2474 mL
5 mM	0.4449 mL	2.2247 mL	4.4495 mL
10 mM	0.2225 mL	1.1124 mL	2.2247 mL
50 mM	0.0445 mL	0.2225 mL	0.4449 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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