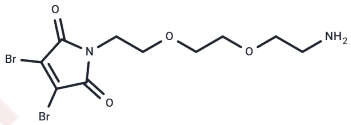
Data Sheet (Cat.No.T14024)

TargetMol

3,4-Dibromo-Mal-PEG2-amine

Chemical Properties



CAS No. : 1807534-86-6

Formula: C10H14Br2N2O4

Molecular Weight: 386.04

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	3,4-Dibromo-Mal-PEG2-amine is a polyethylene glycol (PEG) derivative that functions as a PEG-based PROTAC linker, enabling the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one ligand binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5904 mL	12.952 mL	25.9041 mL
5 mM	0.5181 mL	2.5904 mL	5.1808 mL
10 mM	0.259 mL	1.2952 mL	2.5904 mL
50 mM	0.0518 mL	0.259 mL	0.5181 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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