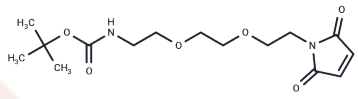
Data Sheet (Cat.No.T15980)

TargetMol

Mal-PEG2-NH-Boc

Chemical Properties



CAS No. : 660843-21-0

Formula: C15H24N2O6

Molecular Weight: 328.36

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-PEG2-NH-Boc is a PEG-based linker for PROTACs, joining two essential ligands fundamental for forming PROTAC molecules and facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. These compounds harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0454 mL	15.2272 mL	30.4544 mL
5 mM	0.6091 mL	3.0454 mL	6.0909 mL
10 mM	0.3045 mL	1.5227 mL	3.0454 mL
50 mM	0.0609 mL	0.3045 mL	0.6091 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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