

## Mal-PEG3-Boc

## Chemical Properties

CAS No. : 518044-35-4

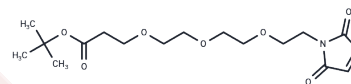
Formula: C17H27NO7

Molecular Weight: 357.4

Keep away from direct sunlight

Storage: 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-PEG3-Boc is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of 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 distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. Utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade these target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.798 mL	13.9899 mL	27.9799 mL
5 mM	0.5596 mL	2.798 mL	5.596 mL
10 mM	0.2798 mL	1.399 mL	2.798 mL
50 mM	0.056 mL	0.2798 mL	0.5596 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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