

3,4-Dibromo-Mal-PEG4-Boc

Chemical Properties

CAS No. : 2030168-38-6

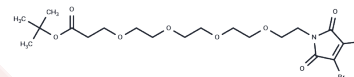
Formula: C₁₉H₂₉Br₂N₂O₈

Molecular Weight: 559.24

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	3,4-Dibromo-Mal-PEG4-Boc is a polyethylene glycol-based PROTAC linker used for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other targets the protein of interest. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7881 mL	8.9407 mL	17.8814 mL
5 mM	0.3576 mL	1.7881 mL	3.5763 mL
10 mM	0.1788 mL	0.8941 mL	1.7881 mL
50 mM	0.0358 mL	0.1788 mL	0.3576 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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