

3,4-Dibromo-Mal-PEG8-acid

Chemical Properties

CAS No. :

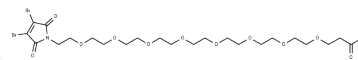
Formula: C₂₃H₃₇Br₂N₂O₁₂

Molecular Weight: 679.35

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	The compound 3,4-Dibromo-Mal-PEG8-acid is a PEG-based PROTAC linker employed for PROTAC synthesis[1].
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 desired protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.472 mL	7.360 mL	14.720 mL
5 mM	0.2944 mL	1.472 mL	2.944 mL
10 mM	0.1472 mL	0.736 mL	1.472 mL
50 mM	0.0294 mL	0.1472 mL	0.2944 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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