

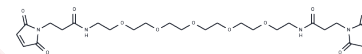
Bis-Mal-PEG5

Chemical Properties

CAS No. :

Formula: C₂₆H₃₈N₄O₁₁

Molecular Weight: 582.6



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	Bis-Mal-PEG5 is a PEG-based linker for PROTACs, joining two essential ligands necessary for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked together—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7164 mL	8.5822 mL	17.1644 mL
5 mM	0.3433 mL	1.7164 mL	3.4329 mL
10 mM	0.1716 mL	0.8582 mL	1.7164 mL
50 mM	0.0343 mL	0.1716 mL	0.3433 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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