

Biotin-PEG12-Mal

Chemical Properties

CAS No. :

Formula: C43H75N5O17S

Molecular Weight: 966.14



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	Biotin-PEG12-Mal is a PEG-based linker used in PROTACs to join two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand binds to an E3 ubiquitin ligase and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.035 mL	5.1752 mL	10.3505 mL
5 mM	0.207 mL	1.035 mL	2.0701 mL
10 mM	0.1035 mL	0.5175 mL	1.035 mL
50 mM	0.0207 mL	0.1035 mL	0.207 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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