

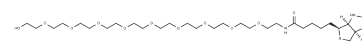
(+)-Biotin-PEG10-OH

Chemical Properties

CAS No. :

Formula: C30H57N3O12S

Molecular Weight: 683.85



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-PEG10-OH is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system in cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4623 mL	7.3115 mL	14.6231 mL
5 mM	0.2925 mL	1.4623 mL	2.9246 mL
10 mM	0.1462 mL	0.7312 mL	1.4623 mL
50 mM	0.0292 mL	0.1462 mL	0.2925 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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