

## (+)-Biotin-PEG12-OH

## Chemical Properties

CAS No. :

Formula: C34H65N3O14S

Molecular Weight: 771.96



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-OH, a PEG-based linker for PROTACs, joins two essential ligands to form PROTAC molecules, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands joined by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system for the selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2954 mL	6.477 mL	12.954 mL
5 mM	0.2591 mL	1.2954 mL	2.5908 mL
10 mM	0.1295 mL	0.6477 mL	1.2954 mL
50 mM	0.0259 mL	0.1295 mL	0.2591 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481