

Bis-Biotin-PEG23

Chemical Properties

CAS No. : 293298-36-9

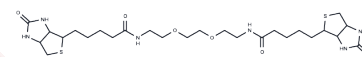
Formula: C₂₆H₄₄N₆O₆S₂

Molecular Weight: 600.79

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-Biotin-PEG23 is a PEG-based linker for PROTACs, joining two essential ligands for forming PROTAC molecules and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6645 mL	8.3224 mL	16.6448 mL
5 mM	0.3329 mL	1.6645 mL	3.329 mL
10 mM	0.1664 mL	0.8322 mL	1.6645 mL
50 mM	0.0333 mL	0.1664 mL	0.3329 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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