

(+)-Biotin-SLC

Chemical Properties

CAS No. : 1864003-57-5

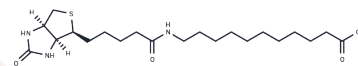
Formula: C₂₁H₃₇N₃O₄S

Molecular Weight: 427.6

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	(+)-Biotin-SLC, an alkyl chain-based PROTAC linker, is utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3386 mL	11.6932 mL	23.3863 mL
5 mM	0.4677 mL	2.3386 mL	4.6773 mL
10 mM	0.2339 mL	1.1693 mL	2.3386 mL
50 mM	0.0468 mL	0.2339 mL	0.4677 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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