

Biotin-C10-NHS Ester

Chemical Properties

CAS No. : 887628-40-2

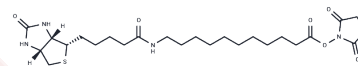
Formula: C₂₅H₄₀N₄O₆S

Molecular Weight: 524.67

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-C10-NHS Ester, an alkyl/ether-based linker compound, is utilized in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector; one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. By exploiting the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.906 mL	9.5298 mL	19.0596 mL
5 mM	0.3812 mL	1.906 mL	3.8119 mL
10 mM	0.1906 mL	0.953 mL	1.906 mL
50 mM	0.0381 mL	0.1906 mL	0.3812 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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