

Biotin-C5-NHS Ester

Chemical Properties

CAS No. : 72040-63-2

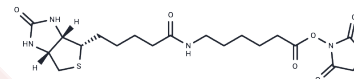
Formula: C₂₀H₃₀N₄O₆S

Molecular Weight: 454.54

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-C5-NHS Ester is an alkyl/ether-based linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands linked together—one for an E3 ubiquitin ligase and one for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.200 mL	11.0001 mL	22.0003 mL
5 mM	0.440 mL	2.200 mL	4.4001 mL
10 mM	0.220 mL	1.100 mL	2.200 mL
50 mM	0.044 mL	0.220 mL	0.440 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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