

Dde Biotin-PEG4-Picolyl azide

Chemical Properties

CAS No. : 2055048-42-3

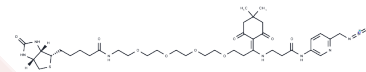
Formula: C₃₈H₅₇N₉O₉S

Molecular Weight: 815.98

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	Dde Biotin-PEG4-Picolyl azide is a PEG-based PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands joined by a linker—one targeting an E3 ubiquitin ligase and the other a specific protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2255 mL	6.1276 mL	12.2552 mL
5 mM	0.2451 mL	1.2255 mL	2.451 mL
10 mM	0.1226 mL	0.6128 mL	1.2255 mL
50 mM	0.0245 mL	0.1226 mL	0.2451 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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