

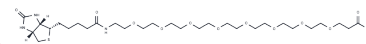
Biotin-PEG8-acid

Chemical Properties

CAS No. : 2143964-62-7

Formula: C₂₉H₅₃N₃O₁₂S

Molecular Weight: 667.81



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-PEG8-acid is a PEG-based PROTAC linker labeled with biotin, utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one binds to an E3 ubiquitin ligase, and the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system for selective protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4974 mL	7.4872 mL	14.9743 mL
5 mM	0.2995 mL	1.4974 mL	2.9949 mL
10 mM	0.1497 mL	0.7487 mL	1.4974 mL
50 mM	0.0299 mL	0.1497 mL	0.2995 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

Gadd MS, et al. Structural basis of PROTAC cooperative recognition for selective protein degradation. Nat Chem Biol. 2017 May;13(5):514-521.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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