

Biotin-PEG2-NH-Boc

Chemical Properties

CAS No. : 175885-18-4

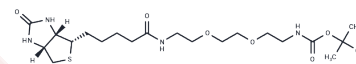
Formula: C₂₁H₃₈N₄O₆S

Molecular Weight: 474.61

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-PEG2-NH-Boc, a PEG-based PROTAC linker labeled with biotin, facilitates its application in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two ligands connected by a linker: one for an E3 ubiquitin ligase and the other for the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.107 mL	10.535 mL	21.0699 mL
5 mM	0.4214 mL	2.107 mL	4.214 mL
10 mM	0.2107 mL	1.0535 mL	2.107 mL
50 mM	0.0421 mL	0.2107 mL	0.4214 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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