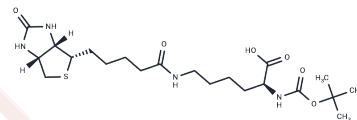


N-Boc-Biotin

Chemical Properties

CAS No. : 62062-43-5
 Formula: C₂₁H₃₆N₄O₆S
 Molecular Weight: 472.599
 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	N-Boc-Biotin is a biotin PEG linker that incorporates both a carboxyl group and a Boc-protected amine. The carboxyl group reacts with a primary amine (-NH ₂) to form a stable, irreversible amide bond. The Boc group can be removed under acidic conditions to yield a free amine suitable for further conjugation.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.116 mL	10.5798 mL	21.1595 mL
5 mM	0.4232 mL	2.116 mL	4.2319 mL
10 mM	0.2116 mL	1.058 mL	2.116 mL
50 mM	0.0423 mL	0.2116 mL	0.4232 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.

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