

Biotin-PEG5-OH

Chemical Properties

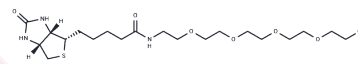
CAS No. : 1778736-31-4

Formula: C₂₀H₃₇N₃O₇S

Molecular Weight: 463.589

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-PEG5-OH (Biotin-PEG5-alcohol) is a biotinylation reagent featuring a primary hydroxyl group that can be derivatized. Compared to reagents with only hydrocarbon spacers, the PEG spacer in this compound enhances the solubility of labeled molecules.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1571 mL	10.7854 mL	21.5708 mL
5 mM	0.4314 mL	2.1571 mL	4.3142 mL
10 mM	0.2157 mL	1.0785 mL	2.1571 mL
50 mM	0.0431 mL	0.2157 mL	0.4314 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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