

Biotin-PEG5-acid

Chemical Properties

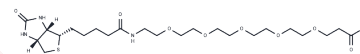
CAS No. : 2252330-85-9

Formula: C₂₃H₄₁N₃O₉S

Molecular Weight: 535.65

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-acid (Biotin-PEG5-COOH) is a biotin-PEG compound containing a carboxyl group (-COOH) that can react with amino groups (NH ₂) to form stable amide bonds. It is utilized in research applications such as protein labeling and drug delivery.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8669 mL	9.3345 mL	18.6689 mL
5 mM	0.3734 mL	1.8669 mL	3.7338 mL
10 mM	0.1867 mL	0.9334 mL	1.8669 mL
50 mM	0.0373 mL	0.1867 mL	0.3734 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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