

Biotinyl-8-amino-3, 6-dioxaoctanoic acid

Chemical Properties

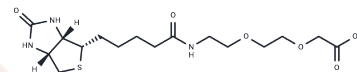
CAS No. : 1238575-77-3

Formula: C₁₆H₂₇N₃O₆S

Molecular Weight: 389.467

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	Biotinyl-8-amino-3,6-dioxaoctanoic acid is a biotinylation reagent linked to a PEG chain, enhancing water solubility. Biotin acts as an affinity ligand suitable for biochemical applications such as pull-down assays or binding with streptavidin proteins. The carboxyl group can react with amine-containing molecules in the presence of activators like HATU.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5676 mL	12.838 mL	25.6759 mL
5 mM	0.5135 mL	2.5676 mL	5.1352 mL
10 mM	0.2568 mL	1.2838 mL	2.5676 mL
50 mM	0.0514 mL	0.2568 mL	0.5135 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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