

Biotin-PEG3-Bromide

Chemical Properties

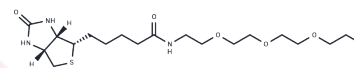
CAS No. : 1041766-91-9

Formula: C₁₈H₃₂BrN₃O₅S

Molecular Weight: 482.433

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-PEG3-Bromide is a short PEG linker incorporating both a biotin group and a bromide. The bromide, being a halogen, is readily substituted by nucleophiles such as alcohols or amines. Additionally, bromide can participate in various cross-coupling reactions, such as the Suzuki reaction. Biotin is applicable in affinity-based applications, like pull-down assays or attachment to streptavidin proteins.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0728 mL	10.3642 mL	20.7284 mL
5 mM	0.4146 mL	2.0728 mL	4.1457 mL
10 mM	0.2073 mL	1.0364 mL	2.0728 mL
50 mM	0.0415 mL	0.2073 mL	0.4146 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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