

Biotin-C1-PEG3-C3-amido-C5-Gly-Arg-Gly-N3 TFA

Chemical Properties

CAS No. :

Formula: C38H66F3N13O11S

Molecular Weight: 970.07

Keep away from moisture

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-C1-PEG3-C3-amido-C5-Gly-Arg-Gly-N3 (TFA) is a click chemistry reagent utilized for identifying modification sites in N-myristoylation and GPI-anchored proteins of *P. falciparum*. This compound features an azide group, enabling copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups. Additionally, it can participate in strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules possessing DBCO or BCN groups.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0309 mL	5.1543 mL	10.3085 mL
5 mM	0.2062 mL	1.0309 mL	2.0617 mL
10 mM	0.1031 mL	0.5154 mL	1.0309 mL
50 mM	0.0206 mL	0.1031 mL	0.2062 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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