

H-(Gly)3-Lys(N3)-OH

Chemical Properties

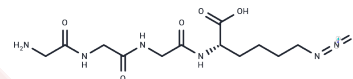
CAS No. : 2250437-45-5

Formula: C₁₂H₂₁N₇O₅

Molecular Weight: 343.34

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	H-(Gly)3-Lys(N3)-OH is a chemical reagent featuring an azide group prominently used in click chemistry for coupling with alkyne-containing fragments. Azides are extensively utilized for this purpose due to their effectiveness in such reactions. A polyglycine segment containing up to seven glycine residues has been reported to bind to surfaces, demonstrating potential applications in nanostructures; specifically, the Gly7-NHCH ₂ peptide segment binds to mica surfaces in aqueous solutions.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9126 mL	14.5628 mL	29.1256 mL
5 mM	0.5825 mL	2.9126 mL	5.8251 mL
10 mM	0.2913 mL	1.4563 mL	2.9126 mL
50 mM	0.0583 mL	0.2913 mL	0.5825 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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