

N3-D-Lys(Fmoc)-OH

Chemical Properties

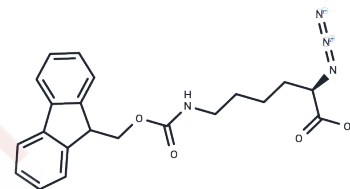
CAS No. : 1994300-35-4

Formula: C₂₁H₂₂N₄O₄

Molecular Weight: 394.42

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	N3-D-Lys(Fmoc)-OH is a click chemistry reagent equipped with an azide group that facilitates highly specific bioorthogonal reactions: biocompatibility, rapid action, and extreme specificity in biological environments. This compound can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing an alkyne group. It is also capable of strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules that possess DBCO or BCN groups.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5354 mL	12.6768 mL	25.3537 mL
5 mM	0.5071 mL	2.5354 mL	5.0707 mL
10 mM	0.2535 mL	1.2677 mL	2.5354 mL
50 mM	0.0507 mL	0.2535 mL	0.5071 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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