

## 6-Azido-D-lysine

## Chemical Properties

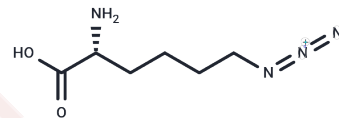
CAS No. : 1418009-93-4

Formula: C<sub>6</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 172.19

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	6-Azido-D-lysine is a click chemistry reagent that features an azide group, enabling it to undergo copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing an alkyne group. Additionally, it can participate in strain-promoted alkyne-azide cycloaddition reactions (SPAAC) with molecules that have DBCO or BCN groups. This chemical reagent is notable for its application in incorporating azide functionalities.
Targets(IC50)	ADC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8075 mL	29.0377 mL	58.0754 mL
5 mM	1.1615 mL	5.8075 mL	11.6151 mL
10 mM	0.5808 mL	2.9038 mL	5.8075 mL
50 mM	0.1162 mL	0.5808 mL	1.1615 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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