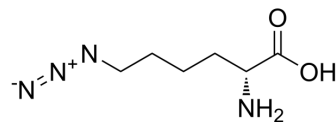


## 6-Azido-D-lysine

Cat. No.:	HY-151666
CAS No.:	1418009-93-4
Molecular Formula:	C <sub>6</sub> H <sub>12</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	172.19
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

6-Azido-D-lysine is a click chemistry reagent containing an azide<sup>[1]</sup>. 6-Azido-D-lysine is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

### REFERENCES

[1]. M.A.RAZA, et al. Synthesis of biologically active nickelocenyl–amino acid conjugates using 1,3-dipolar cycloaddition click reactions. Russian Journal of General Chemistry volume 87, pages2678–2683 (2017).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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