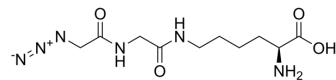


## AzGGK

Cat. No.:	HY-148835
CAS No.:	2407768-11-8
Molecular Formula:	C <sub>10</sub> H <sub>18</sub> N <sub>6</sub> O <sub>4</sub>
Molecular Weight:	286.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

AzGGK is an unnatural amino acid. AzGGK is site-specifically incorporated into proteins via genetic-code expansion. AzGGK can be used as site-specific probe for ubiquitylation and SUMOylation<sup>[1]</sup>. AzGGK is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

## REFERENCES

[1]. Fottner M, et al. Site-specific ubiquitylation and SUMOylation using genetic-code expansion and sortase. Nat Chem Biol. 2019 Mar;15(3):276-284.

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

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