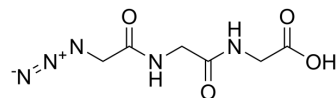


N3-Gly-Gly-Gly-OH

Cat. No.:	HY-151746
CAS No.:	1993176-75-2
Molecular Formula:	C ₆ H ₉ N ₅ O ₄
Molecular Weight:	215.17
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

N3-Gly-Gly-Gly-OH is an oligo-Gly click chemistry reagent containing an azide group. Oligo-Gly also has been used as linker to combine different subunits of dimeric or oligomeric proteins or to create artificial multi-domain proteins. By modification into Gly-Gly-Gly-Ser motifs high solubility can be achieved^{[1][2][3]}. N3-Gly-Gly-Gly-OH 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

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- [2]. Tsygankova SV, et al. Biantennary oligoglycines and glyco-oligoglycines self-associating in aqueous medium. *Beilstein J Org Chem*. 2014 Jun 17;10:1372-82.
- [3]. Hashii N, et al. [Site-specific O-Glycosylation Analysis of Therapeutic Fc-fusion Protein by Mass Spectrometry]. *Yakugaku Zasshi*. 2018;138(12):1483-1494. Japanese.

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

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