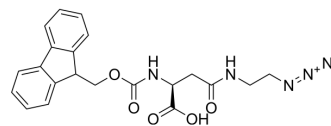


## Fmoc-L-Asn(EDA-N3)-OH

Cat. No.:	HY-151829
CAS No.:	2616562-74-2
Molecular Formula:	C <sub>21</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	423.42
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

Fmoc-L-Asn(EDA-N3)-OH is a click chemistry reagent containing an azide group. This building block is reported in literature for the modification of Amanitin via Click Chemistry. Alpha-Amanitin is the deadliest member of the amanitin peptide family produced by the death-cap mushroom *A. phalloides*. It is an orally available, rigid, bicyclic octapeptide and one of the most lethal known natural products (LD<sub>50</sub> = 50-100 µg/kg) acting as highly selective allosteric inhibitor of the RNA polymerase II<sup>[1]</sup>.

### REFERENCES

[1]. Jiang X, et al. Recent applications of click chemistry in drug discovery. *Expert Opin Drug Discov.* 2019 Aug;14(8):779-789.

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

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