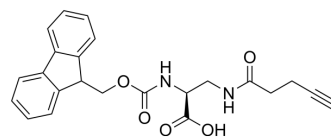


## Fmoc-L-Dap(Pentynoyl)-OH

Cat. No.:	HY-151780
CAS No.:	2250436-47-4
Molecular Formula:	C <sub>23</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	406.43
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-Dap(Pentynoyl)-OH is a click chemistry reagent containing an alkyne group. Fmoc-L-Dap(Pentynoyl)-OH serves as an amino acid building block for introducing alkyne functions into peptide sequences by standard Fmoc/tBu protocols. The alkyne residue can be engaged for copper catalyzed click reaction with organic azides or with tetrazines for copper-free conjugations<sup>[1]</sup>. Fmoc-L-Dap(Pentynoyl)-OH is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

### REFERENCES

[1]. Le Chevalier Isaad A, et al. Side chain-to-side chain cyclization by click reaction. J Pept Sci. 2009 Jul;15(7):451-4.

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

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