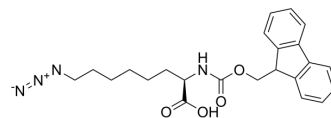


(R)-8-Azido-2-(Fmoc-amino)octanoic acid

Cat. No.:	HY-131082
CAS No.:	1191429-18-1
Molecular Formula:	C ₂₃ H ₂₆ N ₄ O ₄
Molecular Weight:	422.48
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	(R)-8-Azido-2-(Fmoc-amino)octanoic acid is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . (R)-8-Azido-2-(Fmoc-amino)octanoic acid 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.
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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