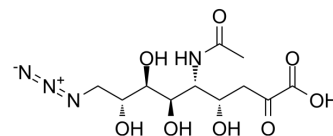


9AzNue5Ac

Cat. No.:	HY-151852
CAS No.:	76487-51-9
Molecular Formula:	C ₁₁ H ₁₈ N ₄ O ₈
Molecular Weight:	334.28
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

9AzNue5Ac, 9-azido-9-deoxy-N-acetylneuraminic acid, is a click chemistry reagent and a Neu5Ac analogue with the substitution of 9-hydroxyl group with an azide. 9AzNue5Ac could be metabolized and incorporated into sialoglycans in living cells and mice. Click chemistry has great potential for use in binding between nucleic acids, lipids, proteins, and other molecules, and has been used in many research fields because of its beneficial characteristics, including high yield, high specificity, and simplicity^[1].

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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