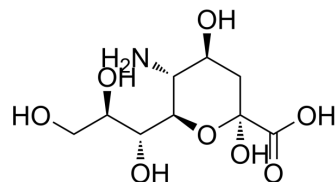


Neuraminic acid

Cat. No.:	HY-113017
CAS No.:	114-04-5
Molecular Formula:	C ₉ H ₁₇ NO ₈
Molecular Weight:	267.23
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Neuraminic acid is an acidic amino sugar with a backbone formed by nine carbon atoms. Neuraminic acid may also be visualized as the product of an aldol-condensation of pyruvic acid and D-mannosamine (2-amino-2-deoxy-mannose). Neuraminic acid is a functional group of some biologically active mucoproteins ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. GOTTSCHALK A. Neuraminic acid; the functional group of some biologically active mucoproteins. Yale J Biol Med. 1956 Apr;28(5):525-37.

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

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