

N-Acetyl-D-mannosamine-15N

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	N-Acetyl-D-mannosamine-15N is the 15N-labeled version of N-Acetyl-D-mannosamine (T19655) (ManNAc). This compound serves as an essential precursor for N-acetylneuraminic acid (NeuAc) and acts as a specific monomer in bacterial capsular poly (sialic acid) [PA]. N-Acetyl-D-mannosamine (T19655) (ManNAc) is metabolized by GNE and GlcNAc 2-epimerase (renin-binding protein, RnBP) into ManNAc-6-phosphate and GlcN.
Targets(IC50)	Antibacterial

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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