

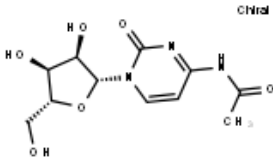
## Certificate of Analysis

Target	Inhibitors & Agonists>>Metabolic Enzyme/Protease>>Endogenous Metabolite
Cat.No	DC42197
Name	N4-Acetylcytidine

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## Chemical Properties

CAS	3768-18-1
Formula	C <sub>11</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>
MW	285.25
Storage	Powder-20°C3 yearsIn solvent-80°C6 months-20°C1 month
Structure	 <p>The image shows the chemical structure of N4-Acetylcytidine. It consists of a cytosine base (a pyrimidine ring with a carbonyl group at position 2 and a methylamino group at position 4) attached to a ribose sugar at the N1 position. The ribose sugar has hydroxyl groups at the 2' and 3' positions and a hydroxymethyl group at the 4' position. The methylamino group is shown as a nitrogen atom bonded to a methyl group (CH<sub>3</sub>) and a hydrogen atom. The carbonyl group is shown as a carbon atom double-bonded to an oxygen atom. The structure is labeled with 'OH' for hydroxyl groups, 'O' for carbonyl oxygen, 'N' for nitrogen atoms, and 'CH<sub>3</sub>' for the methyl group.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com