

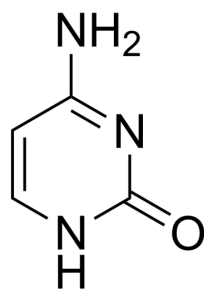
## Cytosine

Cat. No.: HY-I0626  
CAS No.: 71-30-7  
Batch No.: 391145  
Chemical Name: 2(1H)-Pyrimidinone, 6-amino-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O  
Molecular Weight: 111.10  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.97%  
Water(KF): 0.74%  
Conclusion: The product has been tested and complies with the given specifications.

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

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