

# Product Specifications

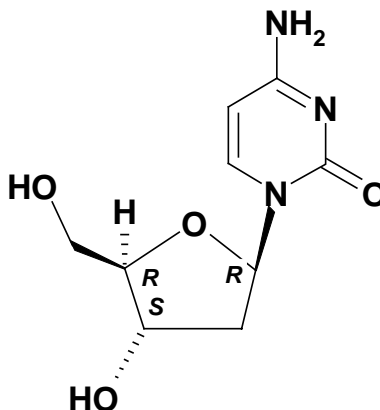
**Item** **2'-Deoxycytidine**  
**Syn:** 1-(2-Deoxy-β-D-ribofuranosyl)cytosine;  
4-Amino-1-(2-deoxy-β-D-erythro-pentofuranosyl)-2(1H)-  
pyrimidinone;  
Cytosine Deoxyribonucleoside; Cytosine Deoxyriboside;  
Deoxycytidine; Deoxyribose Cytidine

**CAS No.** 951-77-9

**Mol. Formula** C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>

**Mol. Weight** 227.22

**Structure**



<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White crystalline solid
<b>Melting Point</b>	226-232 °C
<b>Assay (hplc)</b>	> 99 %
<b>TLC</b>	Single Spot
<b>Heavy Metals (Pb)</b>	< 10 ppm
As	< 1 ppm
<b>Residue on Ignition</b>	< 0.1%
<b>LOD</b>	< 0.5%
<b>Comment</b>	Store in cool dry containment