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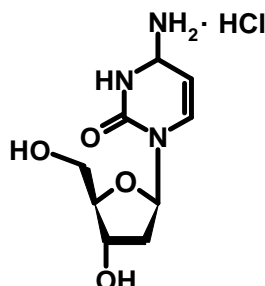
## Product Specifications

### 2'-Deoxycytidine Hydrochloride

CAS 3992-42-5

Grade: Non-cGMP; cGMP

Structure:



Mol. Formula  
Source

$C_9H_{13}N_3O_4 \cdot HCl$   
*Synthetic*

Mol. Wt.

263.68

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#### *Test*

#### *Specification*

<b>Identity</b>	IR
<b>Appearance</b>	White with a pale-yellow powder
<b>Mp</b>	161 - 164 °C [Lit.]
<b>Assay (hplc)</b>	> 99 %
<b>Sp. Rot., [<math>\alpha</math>]<sub>D</sub></b>	+ 54.3 ° (c = 6.4; H <sub>2</sub> O)
<b>LOD</b>	< 0.5 %
<b>Ash (residue on ignition)</b>	< 0.2 %
<b>Heavy metals</b>	< 10 ppm

*Storage:* Maintain in cool, dry containment.