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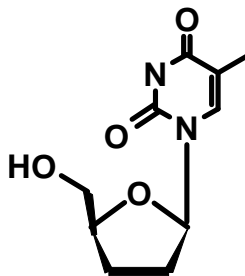
## Product Specifications

### **3'-Deoxythymidine**

**CAS** 3416-05-5

**Syn:** 2',3'-Dideoxythymidine; D 2T

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>**  
*Synthetic*

**Mol. Wt.**

226.23

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<i>Test</i>	<i>Specification</i>
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<b>Identity</b>	IR
<b>Appearance</b>	White, microcryst. solid
<b>Mp</b>	152-154 °C (Lit.)
<b>Assay</b>	> 98%
<b>Sp. Rot., [α]<sub>D</sub></b>	+20.0°, (c = 0.6; H <sub>2</sub> O)
<b>LOD</b>	< 0.5%
<b>Ash (residue on ignition)</b>	< 0.1%

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**Storage:** Maintain in cool, dry containment.