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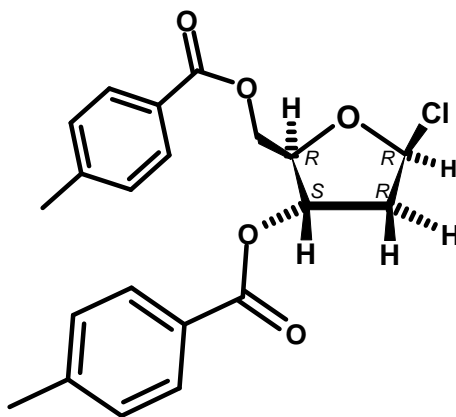
## Product Specifications

### **3,5-Di-O-(*p*-toluyl)-2-deoxy-D-ribofuranosyl Chloride**

**CAS** 4330-21-6

**Syn:** 1-Chloro-3,5-bis[O-(4-toluy)]-2-deoxyribose

**Structure:**



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

**C<sub>21</sub>H<sub>21</sub>ClO<sub>5</sub>**  
*Synthetic*

**Mol. Wt.**

388.84

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<i>Test</i>	<i>Specification</i>
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<b>Identity</b>	IR
<b>Appearance</b>	White/off-white microcryst. powder
<b>Assay (hplc)</b>	> 90%
<b>LOD</b>	< 3%
<b>Water (K-F)</b>	< 0.5%
<b>Sp. Rot., [α]<sub>D</sub></b>	+ 50~70 ° (c = 1, DMSO)
<b>Ash (residue on ignition)</b>	< 1%
<b>Heavy metals</b>	< 20 ppm

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