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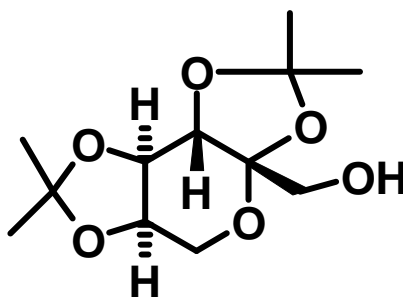
## Product Specifications

### **2,3:4,5-Di-O-isopropylidene-β-D-fructopyranose**

**CAS** 20880-92-6

**Syn:** 2,3:4,5-Bis-O-(1-methylethylidene)-β-D-fructopyranose ;  
2,3:4,5-Di-O-isopropylidene-β-D-fructopyranose;  
2,3:4,5-Bis-O-(1-methylethylidene)-β-D-fructopyranose;  
2,3:4,5-Di-O-isopropylidene-β-D-fructopyranose

**Structure:**



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

**C<sub>9</sub>H<sub>16</sub>O<sub>6</sub>**  
*Synthetic*

**Mol. Wt.**

220.22

<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White, microcryst. solid
<b>Mp</b>	94-97 °C [Lit.]
<b>Assay (hplc)</b>	> 99 %
<b>TLC</b>	Single Spot
<b>Sp. Rot., [α]<sub>D</sub></b>	< -33° [c = 1 in H <sub>2</sub> O]
<b>LOD</b>	< 1%
<b>Ash (residue on ignition)</b>	< 0.1%
<b>Heavy metals</b>	< 10 ppm

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