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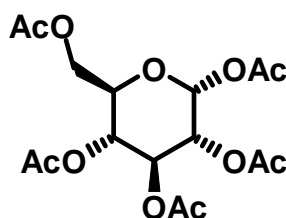
## Product Specifications

### **$\alpha$ -D-Glucose Pentaacetate**

**CAS** 604-68-2

**Syn:** 1,2,3,4,6-Penta-O-acetyl- $\alpha$ -D-glucopyranose; 2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-glucopyranosyl Acetate; Penta-O-acetyl- $\alpha$ -D-glucopyranose; Pentaacetyl- $\alpha$ -D-glucopyranose; Pentaacetyl- $\alpha$ -D-glucose

**Structure:**



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

**C<sub>16</sub>H<sub>22</sub>O<sub>11</sub>**  
*Synthetic*

**Mol. Wt.**

390.34

<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White, microcrystalline solid
<b>Mp</b>	111-112 °C [Lit.]
<b>Assay (hplc)</b>	> 99%
<b>Sp. Rot., [<math>\alpha</math>]<sub>D</sub> (H<sub>2</sub>O)</b>	N/A
<b>LOD</b>	< 1%
<b>Ash (residue on ignition)</b>	< 0.2%
<b>Heavy Metals</b>	< 10 ppm < 1 ppm
<b>TLC</b>	Single Spot

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