

## Product Specifications

**Item** **D-Glucose, Ethylenedithioacetal**

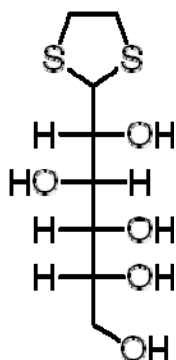
*Syn:* 2-D-Glucosyl-1,3-dithiolane

**CAS No.** 3650-65-5

**Mol. Formula**  $C_8H_{16}O_5S_2$

**Mol. Weight** 256.34

**Structure**



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### *Test*

### *Specification*

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**Appearance**

White microcrystalline solid

**Identity**

IR

**Melting Point**

144-149 °C [Lit.]

**Sp. Rot.,  $[\alpha]^{25}_D$**

- 18.47° (c= 10%, DMSO) [Lit.]

**Assay**

> 98 %

**TLC**

Single spot

**Heavy Metals (Pb)**

< 10 ppm

As

< 1 ppm

**LOD**

< 1 %

**Residue on Ignition**

< 0.1%

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Storage: Maintain in cool, dry containment