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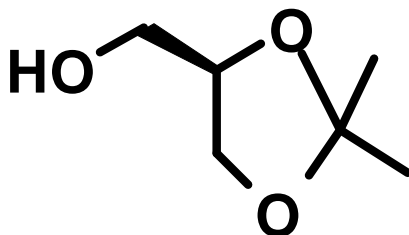
## Product Specifications

### **(S)-(+)-Solketal**

**CAS** 22323-82-6

**Syn:** (S)-(+)-2,2-Dimethyl-1,3-dioxolane-4-methanol; (+)-2,3-O-Isopropylidene-*sn*-glycerol

**Structure:**



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

**C<sub>6</sub>H<sub>12</sub>O<sub>3</sub>**  
*Synthetic*

**Mol. Wt.**

132.16

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR
<b>Appearance</b>	Clear or light yellow oily liquid
<b>Bp</b>	82-83° C (14 mm Hg)
<b>Assay (GC)</b>	≥ 98 %
<b>Sp. Rot., [α]<sub>D</sub></b>	14.5~15.2, (neat, 25° C)
<b>d<sub>20</sub><sup>°C</sup></b>	1.07
<b>RI, η<sub>D</sub><sup>20</sup> °C</b>	1.433-1.435
<b>Fp</b>	80° C

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