



**Molecular Weight:** 120.148  
**Accurate Mass:** 120.078645  
**Percentage Composition:** C 49.98%; H 10.07%; O 39.95%  
**Boiling Point:** Bp 222°  
**Refractive Index:**  $n_D^{20}$  1.4410

**Aldrich:** 26042-8

>>**Derivative:** 1,3-Di-Et ether

>>**Derivative:** 1-(2-Propenyl) ether  
**Synonym(s):** 3-Allyloxy-1,2-propanediol

**CAS Registry Number:** 123-34-2  
**Use/Importance:** Cross-linking comonomer for polyurethanes  
**Boiling Point:** Bp<sub>28</sub> 142°

**Aldrich:** 25173-9  
**Fluka:** 49841  
**Rare Chemicals Library:** S34080-4

>>**Derivative:** 1,3-Dibutyl ether

>>**Derivative:** 1-Octyl ether  
**Synonym(s):** 3-(Octyloxy)-1,2-propanediol. Octadiol

**CAS Registry Number:** 10438-94-5  
**Molecular Formula:** C<sub>11</sub>H<sub>24</sub>O<sub>3</sub>  
**Molecular Weight:** 204.309  
**Accurate Mass:** 204.172545  
**Percentage Composition:** C 64.67%; H 11.84%; O 23.49%  
**Use/Importance:** Compd. with liq. cryst. props.  
**Physical Description:** Low-melting solid  
**Melting Point:** Mp 21.6-24.2°  
**Boiling Point:** Bp<sub>3</sub> 140-141.5°  
**Refractive Index:**  $n_D^{20}$  1.4517

>>**Derivative:** 1-Tridecyl ether

>>**Derivative:** 1-Hexadecyl ether

**Sigma:** H4010

>>**Derivative:** 2-Hexadecyl ether  
**Synonym(s):** 2-(Hexadecyloxy)-1,3-propanediol. β-Chimyl alcohol

**CAS Registry Number:** 1931-78-8  
**Molecular Formula:** C<sub>19</sub>H<sub>40</sub>O<sub>3</sub>  
**Molecular Weight:** 316.523  
**Accurate Mass:** 316.297745  
**Percentage Composition:** C 72.10%; H 12.74%; O 15.16%  
**Physical Description:** Cryst. (EtOH)  
**Melting Point:** Mp 63°