



**Molecular Weight:** 105.136  
**Accurate Mass:** 105.078979  
**Percentage Composition:** C 45.70%; H 10.55%; N 13.32%; O 30.44%  
**Boiling Point:** Bp 239-241°

>>Derivative: *N,N*-Di-Me

**Synonym(s):** 3-Dimethylamino-1,2-propanediol

**CAS Registry Number:** 623-57-4  
**Molecular Formula:** C<sub>5</sub>H<sub>13</sub>NO<sub>2</sub>  
**Molecular Weight:** 119.163  
**Accurate Mass:** 119.094629  
**Percentage Composition:** C 50.40%; H 11.00%; N 11.75%; O 26.85%  
**Boiling Point:** Bp 216-217°  
**Aldrich:** 21021-8

>>Derivative: *N,N*-Di-Et

**Synonym(s):** 3-Diethylamino-1,2-propanediol

**CAS Registry Number:** 621-56-7  
**Molecular Formula:** C<sub>7</sub>H<sub>17</sub>NO<sub>2</sub>  
**Molecular Weight:** 147.217  
**Accurate Mass:** 147.125929  
**Percentage Composition:** C 57.11%; H 11.64%; N 9.51%; O 21.74%  
**Boiling Point:** Bp 233-235°  
**Aldrich:** 21022-6  
**Sigma:** D5017

>>Derivative: *N,N*-Dipropyl

**CAS Registry Number:** 60302-96-7  
**Molecular Formula:** C<sub>9</sub>H<sub>21</sub>NO<sub>2</sub>  
**Molecular Weight:** 175.27  
**Accurate Mass:** 175.157229  
**Percentage Composition:** C 61.68%; H 12.08%; N 7.99%; O 18.26%  
**Boiling Point:** Bp<sub>9</sub> 143°  
**Density:** d 0.95  
**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.4554  
**Aldrich:** 25767-2

>>Derivative: *N,N*-Diisopropyl

**Synonym(s):** 3-Diisopropylamino-1,2-propanediol

**CAS Registry Number:** 85721-30-8  
**Molecular Formula:** C<sub>9</sub>H<sub>21</sub>NO<sub>2</sub>  
**Molecular Weight:** 175.27  
**Accurate Mass:** 175.157229  
**Percentage Composition:** C 61.68%; H 12.08%; N 7.99%; O 18.26%  
**Boiling Point:** Bp<sub>10</sub> 131°  
**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.4583  
**Other Data:** Moisture-sensitive  
**Aldrich:** 25766-4

>>Derivative: *N*-Benzyl, *N*-Me

**CAS Registry Number:** 60278-98-0  
**Molecular Formula:** C<sub>11</sub>H<sub>17</sub>NO<sub>2</sub>  
**Molecular Weight:** 195.261  
**Accurate Mass:** 195.125929  
**Percentage Composition:** C 67.66%; H 8.78%; N 7.17%; O 16.39%  
**Boiling Point:** Bp<sub>30</sub> 206°  
**Density:** d 1.08  
**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.5340  
**Aldrich:** 21850-2