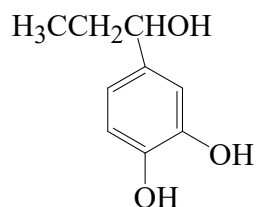




>>Entry Name: 1-(3,4-Dihydroxyphenyl)-1-propanol

Synonym(s):  $\alpha$ -Ethyl-3,4-dihydroxybenzenemethanol, 9Cl. Ethylveratryl carbinol



CAS Registry Number: 26054-62-6

Extra CAS Registry Numbers(s): 25474-45-7

Molecular Formula: C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>

Molecular Weight: 168.192

Accurate Mass: 168.078645

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

>>Variant: ( $\pm$ )-form

Molecular Formula: C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>

Molecular Weight: 168.192

Accurate Mass: 168.078645

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Physical Description: Cryst.

Melting Point: Mp 137-138°

>>Derivative: 3-Me ether

Synonym(s): 1-(4-Hydroxy-3-methoxyphenyl)-1-propanol

CAS Registry Number: 6997-34-8

Molecular Formula: C<sub>10</sub>H<sub>14</sub>O<sub>3</sub>

Molecular Weight: 182.219

Accurate Mass: 182.094295

Percentage Composition: C 65.92%; H 7.74%; O 26.34%

Physical Description: Cryst. (C<sub>6</sub>H<sub>6</sub>)

Melting Point: Mp 86°

>>Derivative: 3-Me ether, di-Ac

Molecular Formula: C<sub>14</sub>H<sub>18</sub>O<sub>5</sub>

Molecular Weight: 266.293

Accurate Mass: 266.115425

Percentage Composition: C 63.15%; H 6.81%; O 30.04%

Physical Description: Cryst.

Melting Point: Mp 48-49°

Boiling Point: Bp<sub>0.2</sub> 116-118°

>>Derivative: 3-Me ether, dibenzoyl

Molecular Formula: C<sub>24</sub>H<sub>22</sub>O<sub>5</sub>

Molecular Weight: 390.435

Accurate Mass: 390.146725

Percentage Composition: C 73.83%; H 5.68%; O 20.49%

Physical Description: Cryst.

Melting Point: Mp 112-117°

>>Derivative: 3,4-Di-Me ether

Synonym(s): 1-(3,4-Dimethoxyphenyl)-1-propanol

CAS Registry Number: 10548-83-1

Molecular Formula: C<sub>11</sub>H<sub>16</sub>O<sub>3</sub>

Molecular Weight: 196.246

Accurate Mass: 196.109945

Percentage Composition: C 67.32%; H 8.22%; O 24.46%

Physical Description: Cryst. (Et<sub>2</sub>O/hexane)

Melting Point: Mp 35-36°

Boiling Point: Bp<sub>2</sub> 146°. Bp<sub>0.2</sub> 102-103°

Refractive Index: n<sub>D</sub><sup>20</sup> 1.5525