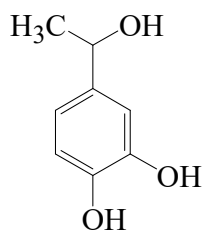




>>Entry Name: 1-(3,4-Dihydroxyphenyl)ethanol

Synonym(s): 3,4-Dihydroxy- $\alpha$ -methylbenzenemethanol, 9CI



**Molecular Formula:** C<sub>8</sub>H<sub>10</sub>O<sub>3</sub>

**Molecular Weight:** 154.165

**Accurate Mass:** 154.062995

**Percentage Composition:** C 62.33%; H 6.54%; O 31.13%

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

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

**Molecular Formula:** C<sub>8</sub>H<sub>10</sub>O<sub>3</sub>

**Molecular Weight:** 154.165

**Accurate Mass:** 154.062995

**Percentage Composition:** C 62.33%; H 6.54%; O 31.13%

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

**Melting Point:** Mp 130-131°

>>Derivative: 3'-Me ether

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

**CAS Registry Number:** 2480-86-6

**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 101-102°

>>Derivative: 4'-Me ether

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

**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:** Needles (EtOH aq.)

**Melting Point:** Mp 91-92°

**References:**

Reichstein, T., *Helv. Chim. Acta*, 1932, **15**, 1450-1453, (*synth, derivs*)

Senoh, S. *et al.*, *J.A.C.S.*, 1959, **81**, 6240-6241, (*synth, derivs*)

Suri, O.P. *et al.*, *Indian J. Chem., Sect. B*, 1987, **26**, 587-588, (*derivs, pmr*)

Ralph, J. *et al.*, *J. Agric. Food Chem.*, 1991, **39**, 1426-1437, (*ms*)