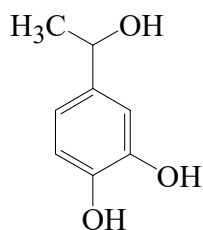




>>Entry Name: 1-(3,4-Dihydroxyphenyl)ethanol

Synonym(s): 3,4-Dihydroxy- α -methylbenzenemethanol, 9CI



Molecular Formula: C₈H₁₀O₃

Molecular Weight: 154.165

Accurate Mass: 154.062995

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

Physical Description: Cryst. (C₆/petrol)

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

Molecular Formula: C₈H₁₀O₃

Molecular Weight: 154.165

Accurate Mass: 154.062995

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

Physical Description: Cryst. (C₆H₆/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: C₉H₁₂O₃

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: C₉H₁₂O₃

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:

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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*)