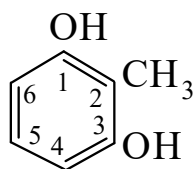




>>Entry Name: 2-Methyl-1,3-benzenediol, 9CI

Synonym(s): 2-Methylresorcinol, 8CI. 2,6-Dihydroxytoluene



CAS Registry Number: 608-25-3

Molecular Formula: C₇H₈O₂

Molecular Weight: 124.139

Accurate Mass: 124.05243

Percentage Composition: C 67.73%; H 6.50%; O 25.78%

Use/Importance: Monomer used in phenolic resins

Physical Description: Prisms (C₆H₆)

Melting Point: Mp 119-120°

Boiling Point: Bp 264°. Bp₁₆ 168°

pKa Value: pK_{a1} 9.61; pK_{a2} 11.98 (20°)

Aldrich: 30258-9

Fluka: 37960

Sigma: M6015

>>Derivative: Dibenzoyl

Molecular Formula: C₂₁H₁₆O₄

Molecular Weight: 332.355

Accurate Mass: 332.10486

Percentage Composition: C 75.89%; H 4.85%; O 19.26%

Physical Description: Needles (MeOH)

Melting Point: Mp 105-106°

>>Derivative: Di-Me ether

Synonym(s): 1,3-Dimethoxy-2-methylbenzene. 2,6-Dimethoxytoluene

CAS Registry Number: 5673-07-4

Molecular Formula: C₉H₁₂O₂

Molecular Weight: 152.193

Accurate Mass: 152.08373

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Melting Point: Mp 39°

Aldrich: D13720-0

References:

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Schamp, N. *et al.*, *Tetrahedron*, 1973, **29**, 3857, (*synth*)