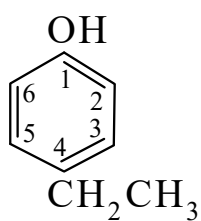




>>Entry Name: 4-Ethylphenol, 9CI
Synonym(s): 1-Ethyl-4-hydroxybenzene



CAS Registry Number: 123-07-9
Extra CAS Registry Numbers(s): 25429-37-2

Molecular Formula: C₈H₁₀O
Molecular Weight: 122.166
Accurate Mass: 122.073165
Percentage Composition: C 78.65%; H 8.25%; O 13.10%
Biological Source: Isol. from heartwood of *Populus tremuloides*
Physical Description: Needles
Melting Point: Mp 47-48°
Boiling Point: Bp 218.5-219.5°
pKa Value: pK_{a1} 10.21 (25°)
Hazard & Toxicity: Fl. p. 104°. LD₅₀ (mus, ipr) 138 mg/kg

Aldrich: E4420-5
Fluka: 4700
Supelco: R42-8154

>>Derivative: Ac

CAS Registry Number: 3245-23-6
Molecular Formula: C₁₀H₁₂O₂
Molecular Weight: 164.204
Accurate Mass: 164.08373
Percentage Composition: C 73.15%; H 7.37%; O 19.49%
Physical Description: Liq.
Boiling Point: Bp₇₅₀ 226-227°
Rare Chemicals Library: S64001-8

>>Derivative: Me ether

Synonym(s): 1-Ethyl-4-methoxybenzene. *p*-Ethylanisole

CAS Registry Number: 1515-95-3
Molecular Formula: C₉H₁₂O
Molecular Weight: 136.193
Accurate Mass: 136.088815
Percentage Composition: C 79.37%; H 8.88%; O 11.75%
Boiling Point: Bp 195-196°. Bp₁₆ 83-84°

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