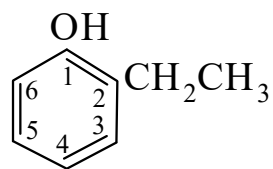




>>Entry Name: 2-Ethylphenol, 9CI

Synonym(s): 1-Ethyl-2-hydroxybenzene. Phlorol



CAS Registry Number: 90-00-6

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%

Boiling Point: Bp 206.5-207.5°

pKa Value: pK_{a1} 10.2 (25°, 0.1M KCl)

Hazard & Toxicity: LD₅₀ (mus, orl) 600 mg/kg

Aldrich: E4400-0

Fluka: 4680

Supelco: 44-2348

>>Derivative: Ac

CAS Registry Number: 3056-59-5

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: Bp₄ 77-78°

>>Derivative: Me ether

Synonym(s): 1-Ethyl-2-methoxybenzene. *o*-Ethylanisole

CAS Registry Number: 14804-32-1

Molecular Formula: C₉H₁₂O

Molecular Weight: 136.193

Accurate Mass: 136.088815

Percentage Composition: C 79.37%; H 8.88%; O 11.75%

Boiling Point: Bp₇₅₅ 186-188°. Bp₁₁ 70-71°

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