



>>Entry Name: 3-Ethylphenol, 9CI

Synonym(s): 1-Ethyl-3-hydroxybenzene

CAS Registry Number: 620-17-7

Extra CAS Registry Numbers(s): 25429-37-2

Structure by analogy with 2-Ethylphenol, [DTB48-G](#)

Molecular Formula: C₈H₁₀O

Molecular Weight: 122.166

Accurate Mass: 122.073165

Percentage Composition: C 78.65%; H 8.25%; O 13.10%

Melting Point: Mp -4°

Boiling Point: Bp₇₅₂ 214°

Density: d⁰ 1.025

pKa Value: pK_{a1} 10.07 (25°)

Aldrich: 28141-7

Fluka: 4690

Supelco: R42-5615

>>Derivative: Ac

CAS Registry Number: 3056-60-8

Molecular Formula: C₁₀H₁₂O₂

Molecular Weight: 164.204

Accurate Mass: 164.08373

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Melting Point: Mp 222-223°

Density: d⁰ 1.04

>>Derivative: Me ether

Synonym(s): 1-Ethyl-3-methoxybenzene. *m*-Ethylanisole

CAS Registry Number: 10568-38-4

Molecular Formula: C₉H₁₂O

Molecular Weight: 136.193

Accurate Mass: 136.088815

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

Boiling Point: Bp₇₅₈ 196-197°. Bp₁₂ 77-78°

Rare Chemicals Library: S43133-8

References:

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Kenner, J. *et al.*, *J.C.S.*, 1935, 299, (*synth*)

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Brown, P., *Org. Mass Spectrom.*, 1969, **2**, 1317, (*ms*)

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