



>>Entry Name: 2-(4-Aminophenyl)ethanol

Synonym(s): 4-Aminobenzeneethanol, 9Cl. *p*-Aminophenethyl alcohol, 8Cl

CAS Registry Number: 104-10-9

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Physical Description: Needles (EtOH)

Melting Point: Mp 108°

Aldrich: 26164-5

Fluka: 9191

>>Derivative: *N*-Benzoyl

Molecular Formula: C₁₅H₁₅NO₂

Molecular Weight: 241.289

Accurate Mass: 241.110279

Percentage Composition: C 74.67%; H 6.27%; N 5.80%; O 13.26%

Physical Description: Plates

Melting Point: Mp 139-140°

>>Derivative: *N,N*-Di-Me

CAS Registry Number: 50438-75-0

Molecular Formula: C₁₀H₁₅NO

Molecular Weight: 165.235

Accurate Mass: 165.115364

Percentage Composition: C 72.69%; H 9.15%; N 8.48%; O 9.68%

Physical Description: Cryst. (hexane)

Melting Point: Mp 57-58°

Aldrich: 34759-0

Fluka: 39285

Sigma: D6894

>>Derivative: Et ether

Molecular Formula: C₁₀H₁₅NO

Molecular Weight: 165.235

Accurate Mass: 165.115364

Percentage Composition: C 72.69%; H 9.15%; N 8.48%; O 9.68%

Melting Point: Mp 69-71°

Boiling Point: Bp₄ 164-167°

References:

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Sabetay, S. *et al.*, *Bull. Soc. Chim. Fr.*, 1929, 842, (*synth*)

Schleyer, P.R. *et al.*, *Tet. Lett.*, 1959, **No. 14**, 1, (*nmr*)

Whetsel, K.B. *et al.*, *Spectrochim. Acta*, 1961, **17**, 614, (*ir*)

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