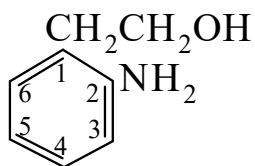




>>Entry Name: 2-(2-Aminophenyl)ethanol

Synonym(s): 2-Aminobenzeneethanol, 9CI. o-Aminophenethyl alcohol, 8CI



CAS Registry Number: 5339-85-5

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: Viscous liq.

Boiling Point: Bp₅ 155°. Bp_{3.5} 147-148°

Refractive Index: n_D¹⁹ 1.5849

Aldrich: 19260-0

>>Derivative: N-Ac

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 103.5°

>>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%

Melting Point: Mp 168°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 464B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1196B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1116A, (*ir*)

Sabetay, S. *et al.*, *Bull. Soc. Chim. Fr.*, 1931, **49**, 3, (*synth*)

Bennett, G.M. *et al.*, *J.C.S.*, 1941, 287, (*synth*)

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

Kuang Chih Tseng *et al.*, *CA*, 1966, **65**, 9926, (*nmr*, *ir*)

Kumbar, M., *J. Med. Chem.*, 1976, **19**, 1232, (*conformn*)