



>>Entry Name: 2-(3-Hydroxyphenyl)ethanol

Synonym(s): 3-Hydroxybenzeneethanol, 9Cl. *m*-Hydroxyphenethyl alcohol, 8Cl

CAS Registry Number: 13398-94-2

Molecular Formula: C₈H₁₀O₂

Molecular Weight: 138.166

Accurate Mass: 138.06808

Percentage Composition: C 69.55%; H 7.29%; O 23.16%

Physical Description: Yellow, highly viscous oil

Boiling Point: Bp₄ 168-173°

Aldrich: 19902-8

Fluka: 56100

>>Derivative: 3,5-Dinitrobenzoyl

Physical Description: Light-yellow needles

Melting Point: Mp 146.5-147°

>>Derivative: 3-Me ether

Synonym(s): 2-(3-Methoxyphenyl)ethanol. 3-Methoxyphenethyl alcohol

CAS Registry Number: 5020-41-7

Molecular Formula: C₉H₁₂O₂

Molecular Weight: 152.193

Accurate Mass: 152.08373

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Boiling Point: Bp₁₂ 141-143°

Refractive Index: n_D²⁰ 1.5380

Aldrich: 18793-3

Fluka: 65159

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 406B; 406C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1164D; 1165A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1084B; 1084C, (*ir*)

Scheiler, L. *et al.*, *J.A.C.S.*, 1951, **73**, 4045, (*synth*)

Weibel, P.A. *et al.*, *Helv. Chim. Acta*, 1973, **56**, 2460, (*ms*)