



>>Entry Name: 6-Phenyl-1-hexanol, 8Cl

CAS Registry Number: 2430-16-2

Ph(CH₂)₅CH₂OH

Molecular Formula: C₁₂H₁₈O

Molecular Weight: 178.274

Accurate Mass: 178.135765

Percentage Composition: C 80.85%; H 10.18%; O 8.97%

Physical Description: Liq.

Boiling Point: Bp_{0.1} 89-91°

Aldrich: 33361-1

Rare Chemicals Library: S79960-2

>>Derivative: Ac

Molecular Formula: C₁₄H₂₀O₂

Molecular Weight: 220.311

Accurate Mass: 220.14633

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Boiling Point: Bp₁₃ 166-168°

>>Derivative: Me ether

Synonym(s): 1-Methoxy-6-phenylhexane

Molecular Formula: C₁₃H₂₀O

Molecular Weight: 192.3

Accurate Mass: 192.151415

Percentage Composition: C 81.20%; H 10.48%; O 8.32%

Boiling Point: Bp₁₃ 140°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 392A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1078B, (*ir*)

v. Braun, J. *et al.*, *Ber.*, 1911, **44**, 2876; 1912, **45**, 2171, (*synth*)

Schweizer, E.E. *et al.*, *J.O.C.*, 1969, **34**, 212, (*synth, spectra*)