



>>Entry Name: Hexylbenzene, 9CI

Synonym(s): 1-Phenylhexane

CAS Registry Number: 1077-16-3

Ph(CH₂)₅CH₃

Molecular Formula: C₁₂H₁₈

Molecular Weight: 162.274

Accurate Mass: 162.14085

Percentage Composition: C 88.82%; H 11.18%

Physical Description: Liq.

Boiling Point: Bp 226.1° (219-220°). Bp₄₇ 132-133°

Density: d₄²⁰ 0.861

Refractive Index: n_D²⁰ 1.4900

Aldrich: P2570-1

Fluka: 53158

Supelco: 44-2682

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 4C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 933C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 852A, (*ir*)

v. Braun, J. *et al.*, *Ber.*, 1912, **45**, 2180, (*synth*)

Gilman, H. *et al.*, *J.O.C.*, 1943, **8**, 126, (*synth*)

Adv. Chem. Ser., 1955, **15**, 98, (*props*)