



>>Entry Name: 1-Chloro-3-phenylpropane

Synonym(s): (3-Chloropropyl)benzene, 9Cl, 8Cl. ω-Chloropropylbenzene

CAS Registry Number: 104-52-9

PhCH₂CH₂CH₂Cl

Molecular Formula: C₉H₁₁Cl

Molecular Weight: 154.639

Accurate Mass: 154.054927

Percentage Composition: C 69.90%; H 7.17%; Cl 22.93%

Boiling Point: Bp 219-220°. Bp₂₁ 110°

Density: d₄²⁵ 1.06

Aldrich: C6810-5

Fluka: 79030

Rare Chemicals Library: S34458-3

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 66A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 892A, (*ir*)

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 589F, (*ir*)

Suter, C.M. *et al.*, *J.A.C.S.*, 1938, **60**, 536, (*synth*)

Hamner, W.F. *et al.*, *J.A.C.S.*, 1948, **70**, 2482, (*uv*)

McLafferty, F.W., *Anal. Chem.*, 1962, **34**, 16, (*ms*)

Saunders, J.E., *CA*, 1968, **69**, 111680r, (*pmr*)