



>>Entry Name: 4-Chloro-1*H*-indole

CAS Registry Number: 25235-85-2

Structure by analogy with 2-Chloro-1*H*-indole, [GCM53-Z](#)

Molecular Formula: C₈H₆ClN

Molecular Weight: 151.595

Accurate Mass: 151.018876

Percentage Composition: C 63.38%; H 3.99%; Cl 23.39%; N 9.24%

Boiling Point: Bp₄ 129-130°

Density: d₂₀²⁰ 1.259

Aldrich: 24622-0

Fluka: 24912

Sigma: C6649

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 125B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 656B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1500B, (*ir*)

Uhle, F.C., *J.A.C.S.*, 1949, **71**, 761

Fox, S.W. *et al.*, *J.A.C.S.*, 1951, **73**, 2758

Hardegger, E. *et al.*, *Helv. Chim. Acta*, 1955, **38**, 468

Pappalardo, G. *et al.*, *Gazz. Chim. Ital.*, 1958, **88**, 1147

Lloyd, D.H. *et al.*, *Tet. Lett.*, 1983, **24**, 4561, (*synth*)

Lee, M. *et al.*, *J. Het. Chem.*, 1994, **31**, 711, (*pmr, cmr*)