



>>Entry Name: 6-Chloro-1*H*-indole

CAS Registry Number: 17422-33-2

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%

Physical Description: Leaflets (petrol)

Melting Point: Mp 89-89.5°

Boiling Point: Bp₄ 102-104°

Aldrich: 24623-9

Fluka: 24913

Sigma: C6899

>>Derivative: Picrate

Melting Point: Mp 142.5-143.5°

References:

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1501A, (*ir*)

Rydon, H.N. *et al.*, *J.C.S.*, 1955, 3501

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

Tsuji, Y. *et al.*, *J.O.C.*, 1990, **55**, 580, (*synth, pmr, cmr*)

Izumi, T. *et al.*, *J. Het. Chem.*, 1992, **29**, 1625, (*synth*)

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