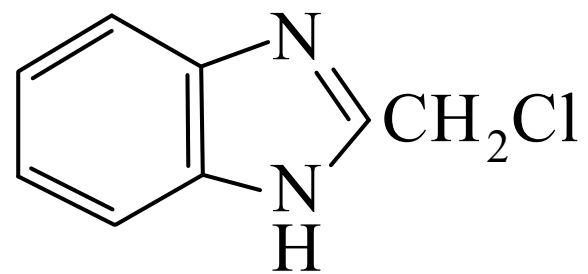




>>Entry Name: 2-(Chloromethyl)-1*H*-benzimidazole



CAS Registry Number: 4857-04-9

Molecular Formula: C₈H₇ClN₂

Molecular Weight: 166.609

Accurate Mass: 166.029775

Percentage Composition: C 57.67%; H 4.23%; Cl 21.28%; N 16.81%

Physical Description: Cryst. (C₆H₆/hexane)

Melting Point: Mp 165° (152.5-155°)

Hazard & Toxicity: Skin irritant

Aldrich: C5205-5

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 181B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 690B, (*ir*)

Bloom, A. *et al.*, *J.O.C.*, 1939, **4**, 14, (*synth*)

King, F.E. *et al.*, *J.C.S.*, 1949, 1401, (*synth*)

Raban, M. *et al.*, *J.O.C.*, 1985, **50**, 2205, (*synth, pmr, cmr*)