



>>Entry Name: 1-Chloromethyl-3-methylbenzene

Synonym(s): α -Chloro-*m*-xylene. *m*-Xylyl chloride. *m*-Methylbenzyl chloride

CAS Registry Number: 620-19-9

Molecular Formula: C₈H₉Cl

Molecular Weight: 140.612

Accurate Mass: 140.039277

Percentage Composition: C 68.34%; H 6.45%; Cl 25.21%

Physical Description: Liq.

Boiling Point: Bp 195-196°. Bp₅ 65°

Density: d²⁰ 1.064

Hazard & Toxicity: Irritant to all tissues

Aldrich: C7335-4

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 83A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 985C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 903A, (*ir*)

Asolkar, G.V. *et al.*, *J. Indian Chem. Soc.*, 1946, **23**, 47, (*synth*)

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

v. Zantnen, B., *CA*, 1962, **56**, 10078b, (*synth*)

Pronay, A.C., *J. Chromatogr.*, 1965, **18**, 586, (*glc*)

Bird, C.W., *Spectrochim. Acta A*, 1968, **24**, 1666, (*ir*)

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