>>**Entry Name: 1-Chloromethyl-3-nitrobenzene**
Synonym(s): α-Chloro-3-nitrotoluene. *m*-Nitrobenzyl chloride

CAS Registry Number: 619-23-8

Molecular Formula: $C_7H_6ClNO_2$
Molecular Weight: 171.583
Accurate Mass: 171.008706
Percentage Composition: C 49.00%; H 3.52%; Cl 20.66%; N 8.16%; O 18.65%
Physical Description: Pale yellow needles (petrol)
Melting Point: Mp 45-47°
Boiling Point: $Bp_{32.5}$ 173-183° (lit. gives a pressure range)

Aldrich: 19116-7
Fluka: 73182

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 688A, *(nmr)*
Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1334B, *(ir)*
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1187B, *(ir)*
Norris, J.F. *et al.*, *J.A.C.S.*, 1924, **46**, 753, *(synth)*
Habboush, A.E. *et al.*, *J. Chromatogr.*, 1962, **7**, 438, *(glc)*
Fr. Pat., 1966, 1 409 271; *CA*, **64**, 641b, *(synth)*
Yokoyama, T. *et al.*, *J.O.C.*, 1969, **34**, 1859, *(nmr)*
Scheimenz, G.P., *Tetrahedron*, 1971, **27**, 5723, *(uv)*
Exner, O. *et al.*, *Coll. Czech. Chem. Comm.*, 1972, **37**, 2156, *(ir)*