



>>Entry Name: 1-Chloro-3-isocyanatobenzene, 9Cl

Synonym(s): *m*-Chlorophenyl isocyanate

CAS Registry Number: 2909-38-8

Molecular Formula: C₇H₄ClNO

Molecular Weight: 153.567

Accurate Mass: 152.998141

Percentage Composition: C 54.75%; H 2.63%; Cl 23.09%; N 9.12%; O 10.42%

Physical Description: Liq. with irritating odour

Boiling Point: Bp₄₃ 113-114°. Bp₁₄ 90°

Hazard & Toxicity: Lachrymator

Aldrich: 24568-2

Fluka: 25990

Rare Chemicals Library: S55016-7

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1565A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 473D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1430B, (*ir*)

Siefken, W., *Annalen*, 1960, **562**, 75, (*synth*)

U.K. Pat., 1962, 901 377; *CA*, **58**, 6339a, (*synth*)

David, D.J., *Anal. Chem.*, 1963, **35**, 37, (*ir*)

Ger. Pat., 1965, 1 206 888; *CA*, **64**, 808g, (*synth*)

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