



>>Entry Name: 1-Chloro-4-methylbenzene, 9CI

Synonym(s): *p*-Chlorotoluene, 8CI

CAS Registry Number: 106-43-4

Extra CAS Registry Numbers(s): 25168-05-2

Molecular Formula: C₇H₇Cl

Molecular Weight: 126.585

Accurate Mass: 126.023627

Percentage Composition: C 66.42%; H 5.57%; Cl 28.01%

Physical Description: Liq.

Melting Point: Mp 7.5°

Boiling Point: Bp 162°. Bp₁₀ 44°

Density: d₄²⁰ 1.07

Hazard & Toxicity: Flammable. Skin and eye irritant. LD₅₀ (rat, orl) 3600 mg/kg

Aldrich: 11192-9

Fluka: 26550

Sigma: C1207

Supelco: 4-7798

References:

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Krasnoshchek, A.P., *Zh. Org. Khim.*, 1972, **8**, 2100; *J. Org. Chem. USSR (Engl. Transl.)*, 1972, **8**, 2148, (*ms*)

Shapiro, M.J., *J.O.C.*, 1978, **43**, 212, (*cmr*)

Hutzinger, O. *et al.*, *J.C.S. Perkin 1*, 1982, 2957, (*uv*)

Peel, J.B. *et al.*, *Aust. J. Chem.*, 1987, **40**, 751, (*pe*)

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