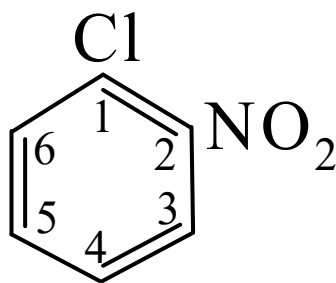




>>Entry Name: 1-Chloro-2-nitrobenzene, 9Cl

Synonym(s): o-Chloronitrobenzene, 8Cl



CAS Registry Number: 88-73-3

Extra CAS Registry Numbers(s): 25167-93-5

Molecular Formula: C₆H₄ClNO₂

Molecular Weight: 157.556

Accurate Mass: 156.993056

Percentage Composition: C 45.74%; H 2.56%; Cl 22.50%; N 8.89%; O 20.31%

Physical Description: Needles

Melting Point: Mp 33°

Boiling Point: Bp 245° (236°). Bp₈ 119°

Hazard & Toxicity: Fl. p. 126°. Can react violently with NH₃ under pressure. Occup. exposure associated with development of methaemoglobinaemia, leading to cyanosis. LD₅₀ (rat, orl) 560 mg/kg. LD₅₀ (rbt, skn) 400 mg/kg

Aldrich: C5910-6

Fluka: 25460

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