



>>Entry Name: 1-Chloro-4-nitrobenzene

Synonym(s): *p*-Chloronitrobenzene

CAS Registry Number: 100-00-5

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: Cryst.

Melting Point: Mp 83°

Boiling Point: Bp 242°. Bp₈ 113°

pK_a Value: pK_a -11.56 (18°, H₂SO₄ aq.)

Hazard & Toxicity: Fl. p. 126-127°. OES: long-term 1 mg m⁻³; short-term 2 mg m⁻³ (Sk). Can react violently with NaOMe. Occup. exposure caused development of methaemoglobinaemia, and anaemia (mild). Exp. haematological and hepatic effects

Aldrich: C5912-2

Fluka: 25500

References:

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