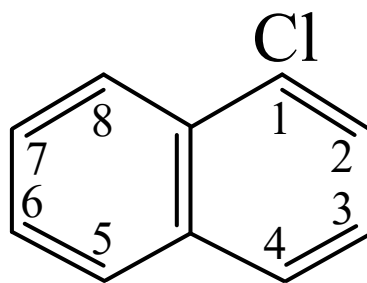




>>Entry Name: 1-Chloronaphthalene, 9Cl

Synonym(s): α -Chloronaphthalene



CAS Registry Number: 90-13-1

Extra CAS Registry Numbers(s): 25586-43-0

Molecular Formula: $C_{10}H_7Cl$

Molecular Weight: 162.618

Accurate Mass: 162.023627

Percentage Composition: C 73.86%; H 4.34%; Cl 21.80%

Physical Description: Oil

Melting Point: Mp -20°

Boiling Point: Bp 263° (250-252 $^{\circ}$). Bp₅ 111-113 $^{\circ}$

Solubility: Sol. petrol, EtOH

Density: d_4^{20} 1.194

Hazard & Toxicity: Fl. p. 121/176 $^{\circ}$, autoignition temp. $>558^{\circ}$. LD₅₀ (rat, orl) 1540 mg/kg

Aldrich: 18575-2

Fluka: 25320

Supelco: R30-0500

>>Derivative: Picrate

Physical Description: Yellow needles

Melting Point: Mp 137°

References:

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