>>**Entry Name: 2-Chloro-4-methylaniline**
Synonym(s): 2-Chloro-*p*-toluidine. 4-Amino-3-chlorotoluene. 2-Chloro-4-methylbenzenamine

CAS Registry Number: 615-65-6

Molecular Formula: C_7H_8ClN
Molecular Weight: 141.6
Accurate Mass: 141.034526
Percentage Composition: C 59.38%; H 5.69%; Cl 25.04%; N 9.89%
Physical Description: Liq.
Melting Point: Mp 7°
Boiling Point: Bp_{732} 219°
Density: d^{20} 1.151
Hazard & Toxicity: Severe eye and skin irritant. LD_{50} (rat, orl) 367 mg/kg

Aldrich: 12507-5
Fluka: 25038

>>**Derivative:** Nitrate

Melting Point: Mp 189 dec.°

>>**Derivative:** *N*-Ac
Synonym(s): 2-Chloro-4-methylacetanilide. 4-Acetamido-3-chlorotoluene

CAS Registry Number: 18931-78-7
Molecular Formula: $C_9H_{10}ClNO$
Molecular Weight: 183.637
Accurate Mass: 183.045091
Percentage Composition: C 58.87%; H 5.49%; Cl 19.31%; N 7.63%; O 8.71%
Physical Description: Plates
Melting Point: Mp 118°

>>**Derivative:** *N*-Benzoyl

CAS Registry Number: 77791-06-1
Molecular Formula: $C_{14}H_{12}ClNO$
Molecular Weight: 245.708
Accurate Mass: 245.060741
Percentage Composition: C 68.44%; H 4.92%; Cl 14.43%; N 5.70%; O 6.51%
Melting Point: Mp 137-139°

References:

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Chattaway, F.D. *et al.*, *J.C.S.*, 1901, **79**, 461, *(synth)*
Fieser, L.F.*, J.A.C.S.*, 1940, **62**, 2103, *(synth)*
Dias, M. *et al.*, *Acta Chem. Scand.*, 1998, **52**, 549-554, *(N-Ac)*
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