



>>Entry Name: **3-Chloro-5-methylaniline**

Synonym(s): 5-Chloro-*m*-toluidine. 3-Amino-5-chlorotoluene. 3-Chloro-5-methylbenzenamine

CAS Registry Number: 29027-20-1

Molecular Formula: C₇H₈ClN

Molecular Weight: 141.6

Accurate Mass: 141.034526

Percentage Composition: C 59.38%; H 5.69%; Cl 25.04%; N 9.89%

Boiling Point: Bp₇₃₀ 242°

>>Derivative: Nitrate

Melting Point: Mp 198 dec.°

>>Derivative: *N*-Ac

Synonym(s): 3-Chloro-5-methylacetanilide. 3-Acetamido-5-chlorotoluene

Molecular Formula: C₉H₁₀ClNO

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: Needles

Melting Point: Mp 151°

References:

Hönig, M., *Ber.*, 1887, **20**, 2417