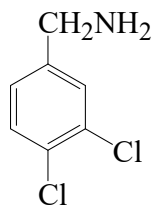




>>Entry Name: 3,4-Dichlorobenzylamine, 8Cl
Synonym(s): 3,4-Dichlorobenzenemethanamine, 9Cl



CAS Registry Number: 102-49-8

Molecular Formula: C₇H₇Cl₂N
Molecular Weight: 176.044
Accurate Mass: 174.995553
Percentage Composition: C 47.76%; H 4.01%; Cl 40.28%; N 7.96%
Use/Importance: Phenylethanolamine methyltransferase inhibitor; initiator in polym. reactions
Physical Description: Liq.
Boiling Point: Bp₁₅ 137-139°. Bp₁ 80°
Density: d₄²⁰ 1.322
Refractive Index: n_D²⁰ 1.5780
Hazard & Toxicity: Fl. p. >110°. Air-sensitive. Irritant

>>Derivative: Hydrochloride

CAS Registry Number: 49552-34-3
Physical Description: Cryst. (H₂O or EtOH or propanol/hexane)
Melting Point: Mp 239-240° (230-234°). Mp 252°

>>Derivative: Picrate

Physical Description: Cryst. (propanol/hexane or MeCN)
Melting Point: Mp 227° (214-215)

>>Derivative: N-Me

CAS Registry Number: 5635-67-6
Molecular Formula: C₈H₉Cl₂N
Molecular Weight: 190.071
Accurate Mass: 189.011203
Percentage Composition: C 50.55%; H 4.77%; Cl 37.30%; N 7.37%
Physical Description: Liq.
Boiling Point: Bp₁₀ 119-121°

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