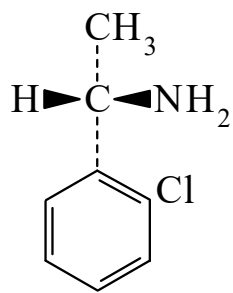




>>Entry Name: 1-(2-Chlorophenyl)ethylamine

Synonym(s): 2-Chloro- α -methylbenzenemethanamine, 9Cl



(*S*)-form

CAS Registry Number: 39959-67-6

Molecular Formula: C₈H₁₀ClN

Molecular Weight: 155.626

Accurate Mass: 155.050176

Percentage Composition: C 61.74%; H 6.48%; Cl 22.78%; N 9.00%

Use/Importance: Intermed. for pharmaceuticals and pesticides

>>Variant: (*S*)-form

CAS Registry Number: 68285-26-7

Molecular Formula: C₈H₁₀ClN

Molecular Weight: 155.626

Accurate Mass: 155.050176

Percentage Composition: C 61.74%; H 6.48%; Cl 22.78%; N 9.00%

Physical Description: Oil

Boiling Point: Bp_{0.1} 40-45°

Optical Rotation: [α]_D -43.6 (c, 3.2 in CH₂Cl₂)

References:

Polniaszek, R.P. *et al.*, *J.A.C.S.*, 1989, **111**, 4859, (*synth*, *ir*, *pmr*, *cmr*, *ms*)