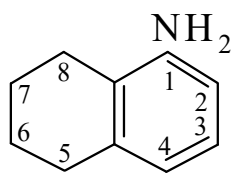




>>Entry Name: 5,6,7,8-Tetrahydro-1-naphthylamine, 8Cl

Synonym(s): 5,6,7,8-Tetrahydro-1-naphthalenamine, 9Cl. 5-Aminotetralin



CAS Registry Number: 2217-41-6

Molecular Formula: C₁₀H₁₃N

Molecular Weight: 147.219

Accurate Mass: 147.104799

Percentage Composition: C 81.59%; H 8.90%; N 9.51%

Physical Description: Oil

Boiling Point: Bp 275°. Bp₁₁ 141-143°

Density: d₁₆ 1.063

Hazard & Toxicity: Fl. p. >71°

Aldrich: A8000-9

Fluka: 9450

Sigma: A5792

>>Derivative: *N*-Ac

CAS Registry Number: 6272-18-0

Molecular Formula: C₁₂H₁₅NO

Molecular Weight: 189.257

Accurate Mass: 189.115364

Percentage Composition: C 76.16%; H 7.99%; N 7.40%; O 8.45%

Melting Point: Mp 158°

Rare Chemicals Library: S34027-8

>>Derivative: *N*-Me

CAS Registry Number: 14453-70-4

Molecular Formula: C₁₁H₁₅N

Molecular Weight: 161.246

Accurate Mass: 161.120449

Percentage Composition: C 81.94%; H 9.38%; N 8.69%

Physical Description: Pale-yellow liq.

Boiling Point: Bp₁₂ 150-152°

>>Derivative: *N*-Me, picrate

Physical Description: Orange cryst.

Melting Point: Mp 174°

>>Derivative: *N,N*-Di-Me

CAS Registry Number: 13541-35-0

Molecular Formula: C₁₂H₁₇N

Molecular Weight: 175.273

Accurate Mass: 175.136099

Percentage Composition: C 82.23%; H 9.78%; N 7.99%

Boiling Point: Bp 261-262°. Bp₁₆ 131-131.5°

>>Derivative: *N*-Et

Molecular Formula: C₁₂H₁₇N

Molecular Weight: 175.273

Accurate Mass: 175.136099

Percentage Composition: C 82.23%; H 9.78%; N 7.99%

Boiling Point: Bp 286-287°

References: