



>>>Entry Name: 5,6,7,8-Tetrahydro-2-naphthylamine, 8Cl

Synonym(s): 5,6,7,8-Tetrahydro-2-naphthalenamine, 9Cl. *ar*-Tetrahydro-β-naphthylamine, 9Cl. 6-Aminotetralin

CAS Registry Number: 2217-43-8

Molecular Formula: C₁₀H₁₃N

Molecular Weight: 147.219

Accurate Mass: 147.104799

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

Physical Description: Cryst. (petrol)

Melting Point: Mp 38°

Boiling Point: Bp 275-277°. Bp₂ 160°

>>>Derivative: *N*-Ac

CAS Registry Number: 50878-03-0

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 107°

>>>Derivative: *N*-Me

CAS Registry Number: 15067-39-7

Molecular Formula: C₁₁H₁₅N

Molecular Weight: 161.246

Accurate Mass: 161.120449

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

Physical Description: Oil

Boiling Point: Bp₂₁₀ 267.5°

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

CAS Registry Number: 14453-76-0

Melting Point: Mp 159°

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

Melting Point: Mp 67-69°

Boiling Point: Bp₁₃ 176-180°

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

CAS Registry Number: 13541-31-6

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 287°. Bp₂₃ 168°

>>>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 291-293°

>>>Derivative: *N*-Di-Et

Molecular Formula: C₁₄H₂₁N

Molecular Weight: 203.327

Accurate Mass: 203.167399

Percentage Composition: C 82.70%; H 10.41%; N 6.89%

Boiling Point: Bp 298°. Bp₁₆ 167°

References: