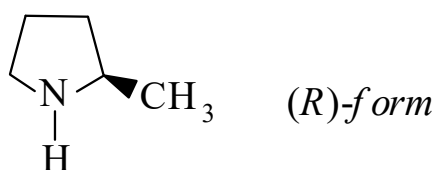




>>Entry Name: 2-Methylpyrrolidine, 9Cl



CAS Registry Number: 765-38-8

Molecular Formula: C₅H₁₁N

Molecular Weight: 85.149

Accurate Mass: 85.089149

Percentage Composition: C 70.53%; H 13.02%; N 16.45%

>>Variant: (*R*)-form

CAS Registry Number: 41720-98-3

Molecular Formula: C₅H₁₁N

Molecular Weight: 85.149

Accurate Mass: 85.089149

Percentage Composition: C 70.53%; H 13.02%; N 16.45%

Boiling Point: Bp 95-97°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -18.8$ (c, 13 in MeOH)

>>Derivative: Picrate

Melting Point: Mp 73°

>>Derivative: *N*-Me

Synonym(s): 1,2-Dimethylpyrrolidine

CAS Registry Number: 40170-49-8

Molecular Formula: C₆H₁₃N

Molecular Weight: 99.175

Accurate Mass: 99.104799

Percentage Composition: C 72.67%; H 13.21%; N 14.12%

Physical Description: Oil

Optical Rotation: $[\alpha]_{\text{D}}^{24} -14.5$ (c, 6 in EtOH)

Refractive Index: $n_{\text{D}}^{29.5} 1.4195$

>>Derivative: *N*-Nitro

CAS Registry Number: 183474-66-0

Molecular Formula: C₅H₁₀N₂O₂

Molecular Weight: 130.146

Accurate Mass: 130.074228

Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%

Optical Rotation: $[\alpha]_{\text{D}}^{20} -84.2$ (c, 1.2 in CHCl₃)

>>Variant: (*S*)-form

CAS Registry Number: 59335-84-1

Molecular Formula: C₅H₁₁N

Molecular Weight: 85.149

Accurate Mass: 85.089149

Percentage Composition: C 70.53%; H 13.02%; N 16.45%

Boiling Point: Bp 118-119°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +15$ (c, 1 in hexane)

>>Derivative: *N*-Nitroso

Molecular Formula: C₅H₁₀N₂O

Molecular Weight: 114.147

Accurate Mass: 114.079313

Percentage Composition: C 52.61%; H 8.83%; N 24.54%; O 14.02%

Boiling Point: Bp₃ 75°

Optical Rotation: $[\alpha]_{\text{D}}^{22} +62$ (c, 1.1 in EtOH)