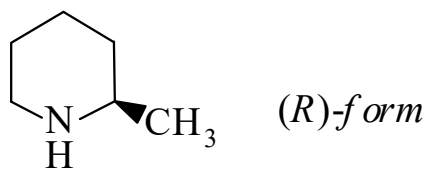




>>Entry Name: 2-Methylpiperidine, 9CI

Synonym(s): α -Pipecoline. Hexahydro- α -picoline



CAS Registry Number: 109-05-7

Related CAS Registry Numbers(s): 671-36-3

Molecular Formula: $C_6H_{13}N$

Molecular Weight: 99.175

Accurate Mass: 99.104799

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

Hazard & Toxicity: Highly flammable, fl. p. 10°

Aldrich: M7280-3

Fluka: 68840

Sigma: M2394

>>Variant: (R)-form

CAS Registry Number: 1722-95-8

Molecular Formula: $C_6H_{13}N$

Molecular Weight: 99.175

Accurate Mass: 99.104799

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

>>Derivative: Hydrochloride

Melting Point: Mp 190°

>>Derivative: Picrate

Melting Point: Mp 116-117°

>>Derivative: N-Me

Molecular Formula: $C_7H_{15}N$

Molecular Weight: 113.202

Accurate Mass: 113.120449

Percentage Composition: C 74.27%; H 13.36%; N 12.37%

Optical Rotation: $[\alpha]_D -33.6$

>>Variant: (S)-form

CAS Registry Number: 3197-42-0

Molecular Formula: $C_6H_{13}N$

Molecular Weight: 99.175

Accurate Mass: 99.104799

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

Boiling Point: Bp 117-117.5°

Optical Rotation: $[\alpha]_D^{15} +18.7$ ($CHCl_3$)

>>Derivative: Hydrochloride

Melting Point: Mp 210°

Optical Rotation: $[\alpha]_D^{23} +3.97$ (c, 2 in EtOH)

>>Derivative: Picrate

Melting Point: Mp 116-117°

>>Derivative: N-Me

CAS Registry Number: 52305-66-5

Boiling Point: Bp 127°

Optical Rotation: $[\alpha]$