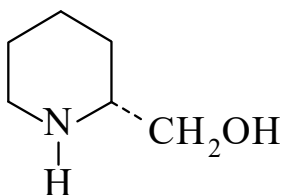




>>Entry Name: 2-Piperidinemethanol, 9CI

Synonym(s): α -Piperidylcarbinol. 2-Hydroxymethylpiperidine. Pipecolinol



(*R*)-form

CAS Registry Number: 3433-37-2

Molecular Formula: C₆H₁₃NO

Molecular Weight: 115.175

Accurate Mass: 115.099714

Percentage Composition: C 62.57%; H 11.38%; N 12.16%; O 13.89%

Aldrich: 15522-5

>>Variant: (*R*)-form

CAS Registry Number: 3197-44-2

Molecular Formula: C₆H₁₃NO

Molecular Weight: 115.175

Accurate Mass: 115.099714

Percentage Composition: C 62.57%; H 11.38%; N 12.16%; O 13.89%

Physical Description: Long needles (EtOH at -15°) which melt at r.t.

Boiling Point: Bp₁ 98-102°

Optical Rotation: $[\alpha]_D^{21} -16$ (c, 2.34 in EtOH)

>>Derivative: Picrate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 102-105°

>>Derivative: *N*-Me

CAS Registry Number: 68474-13-5

Molecular Formula: C₇H₁₅NO

Molecular Weight: 129.202

Accurate Mass: 129.115364

Percentage Composition: C 65.07%; H 11.70%; N 10.84%; O 12.38%

Optical Rotation: $[\alpha]_D +14.7$ (c, 0.2 in EtOH aq.)

>>Variant: ($\pm$)-form

Molecular Formula: C₆H₁₃NO

Molecular Weight: 115.175

Accurate Mass: 115.099714

Percentage Composition: C 62.57%; H 11.38%; N 12.16%; O 13.89%

Melting Point: Mp 67-69°

Boiling Point: Bp₁₃ 108°

>>Derivative: Hydrochloride

Melting Point: Mp 130-132°

>>Derivative: Picrate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 133-135°

>>Derivative: *N*-Me

CAS Registry Number: 20845-34-5

Boiling Point: Bp₁₅ 90-92°

Aldrich: 15524-1