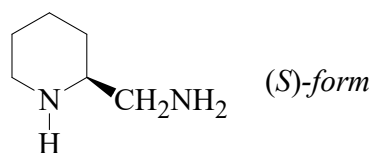




>>Entry Name: 2-Piperidinemethanamine, 9Cl

Synonym(s): 2-(Aminomethyl)piperidine, 8Cl. Pipecolylamine



CAS Registry Number: 22990-77-8

Extra CAS Registry Numbers(s): 111478-74-1

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

>>Variant: (S)-form

CAS Registry Number: 111478-77-4

Extra CAS Registry Numbers(s): 181872-10-6

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

Physical Description: Cryst. (MeOH/Et₂O) (as dihydrochloride)

Melting Point: Mp 240-242° (dihydrochloride)

Optical Rotation: $[\alpha]_{\text{D}}^{20} -5.7$ (c, 0.42 in MeOH)

>>Derivative: 1'-N-Me

Synonym(s): 2-[(Methylamino)methyl]piperidine, 8Cl. N-Methyl-2-piperidinemethanamine, 9Cl

CAS Registry Number: 153918-99-1

Molecular Formula: C₇H₁₆N₂

Molecular Weight: 128.217

Accurate Mass: 128.131348

Percentage Composition: C 65.57%; H 12.58%; N 21.85%

Physical Description: Oil

Optical Rotation: $[\alpha]_{\text{D}}^{20} -12$ (c, 0.8 in MeOH)

>>Variant: (±)-form

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

Boiling Point: Bp₁₂ 66-67°

>>Derivative: Picrate

Physical Description: Cryst. (H₂O)

Melting Point: Mp 201-203°

>>Derivative: 1'-N-Ethoxycarbonyl

Molecular Formula: C₉H₁₈N₂O₂

Molecular Weight: 186.253

Accurate Mass: 186.136828

Percentage Composition: C 58.04%; H 9.74%; N 15.04%; O 17.18%

Physical Description: Cryst. (xylene)

Melting Point: Mp 58.5-59.5°

Boiling Point: Bp_{0.2} 113-114°