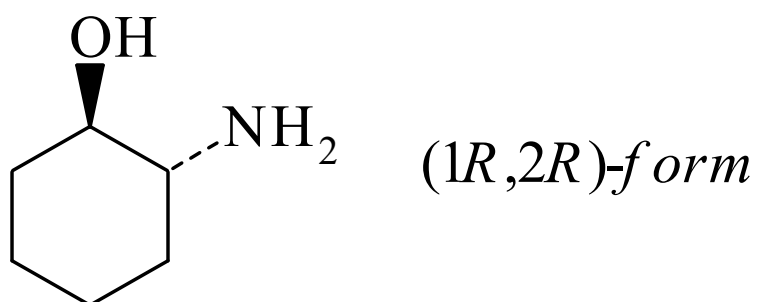




>>Entry Name: 2-Aminocyclohexanol, 9CI



CAS Registry Number: 6850-38-0

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%

>>Variant: (1R,2R)-form

CAS Registry Number: 931-16-8

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 85-86°

Optical Rotation: $[\alpha]_D^{25} -48.5$ (c, 1 in MeOH) (>96% ee)

>>Derivative: Hydrochloride

CAS Registry Number: 13374-31-7

Physical Description: Cryst.

Melting Point: Mp 157.5-158°

Optical Rotation: $[\alpha]_D^{15} -40.3$ (c, 0.5 in H₂O)

>>Derivative: *N*-tert-Butyloxycarbonyl

Molecular Formula: C₁₁H₂₁NO₃

Molecular Weight: 215.292

Accurate Mass: 215.152144

Percentage Composition: C 61.37%; H 9.83%; N 6.51%; O 22.29%

Melting Point: Mp 110-111°

>>Variant: (1S,2S)-form

CAS Registry Number: 74111-21-0

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 90-91°

Optical Rotation: $[\alpha]_D +40.4$ (c, 0.85 in MeOH)

>>Derivative: Hydrochloride

CAS Registry Number: 13374-30-6

Physical Description: Cryst.

Melting Point: Mp 157.5-158°

Optical Rotation: $[\alpha]_D^{15} +41.7$ (c, 0.5 in H₂O)

>>Derivative: *N*-tert-Butyloxycarbonyl, *O*-Ac

Molecular Formula: C₁₃H₂₃NO₄

Molecular Weight: 257.329

Accurate Mass: 257.162709

Percentage Composition: C 60.68%; H 9.01%; N 5.44%; O 24.87%

Melting Point: Mp 92-93°