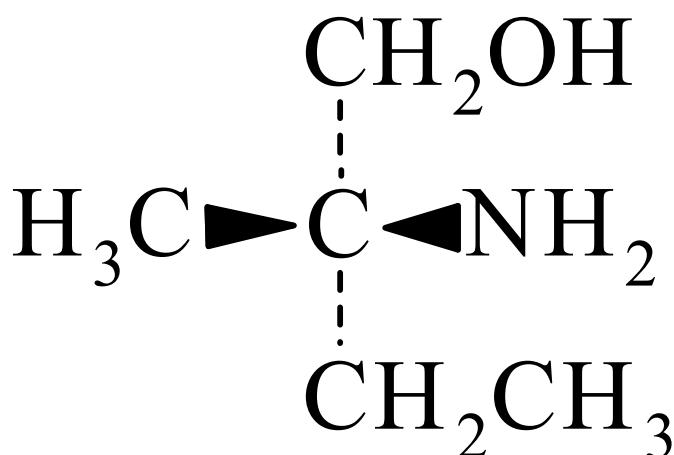




>>Entry Name: 2-Amino-2-methyl-1-butanol, 9CI



(R)-form

CAS Registry Number: 10196-30-2

Molecular Formula: C₅H₁₃NO

Molecular Weight: 103.164

Accurate Mass: 103.099714

Percentage Composition: C 58.21%; H 12.70%; N 13.58%; O 15.51%

>>Variant: (R)-form

CAS Registry Number: 22464-37-5

Molecular Formula: C₅H₁₃NO

Molecular Weight: 103.164

Accurate Mass: 103.099714

Percentage Composition: C 58.21%; H 12.70%; N 13.58%; O 15.51%

Physical Description: Pale-yellow oil

Optical Rotation: $[\alpha]_{\text{D}}^{25} +3.39$ (EtOH)

>>Variant: (S)-form

CAS Registry Number: 22464-36-4

Molecular Formula: C₅H₁₃NO

Molecular Weight: 103.164

Accurate Mass: 103.099714

Percentage Composition: C 58.21%; H 12.70%; N 13.58%; O 15.51%

Physical Description: Oil

Boiling Point: Bp₂₄ 82-83°

Optical Rotation: $[\alpha]_{\text{D}}^{13} -2$ (c, 4.088 in EtOH)