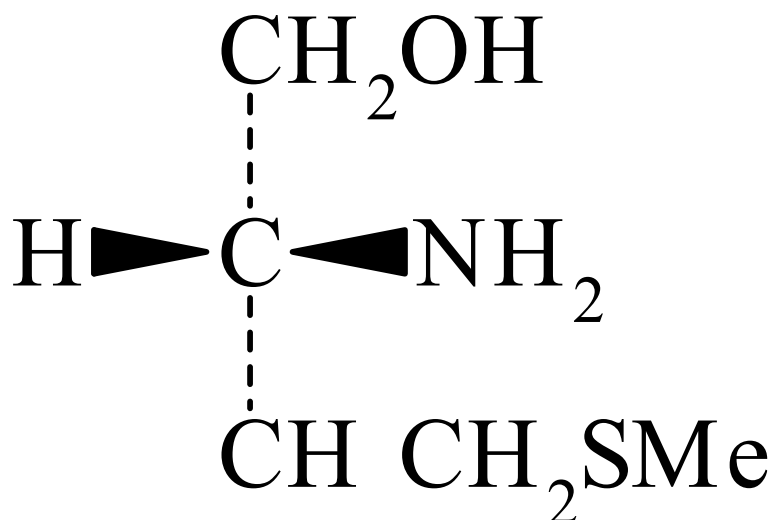




>>Entry Name: 2-Amino-4-(methylthio)-1-butanol, 9CI

Synonym(s): 2-Amino-5-thia-1-hexanol. Methioninol



(R)-form

CAS Registry Number: 502-83-0

Molecular Formula: C₅H₁₃NOS

Molecular Weight: 135.23

Accurate Mass: 135.071784

Percentage Composition: C 44.41%; H 9.69%; N 10.36%; O 11.83%; S 23.71%

>>Variant: (R)-form

Synonym(s): D-form

CAS Registry Number: 87206-44-8

Molecular Formula: C₅H₁₃NOS

Molecular Weight: 135.23

Accurate Mass: 135.071784

Percentage Composition: C 44.41%; H 9.69%; N 10.36%; O 11.83%; S 23.71%

Physical Description: Liq.

Optical Rotation: $[\alpha]_D^{20} +14.06$ (neat)

Aldrich: 47001-5

>>Derivative: Hydrochloride

Optical Rotation: $[\alpha]_D^{20} +13.52$ (H₂O)

>>Derivative: O,N-Bis(4-nitrobenzoyl)

Melting Point: Mp 173-174°

Optical Rotation: $[\alpha]$