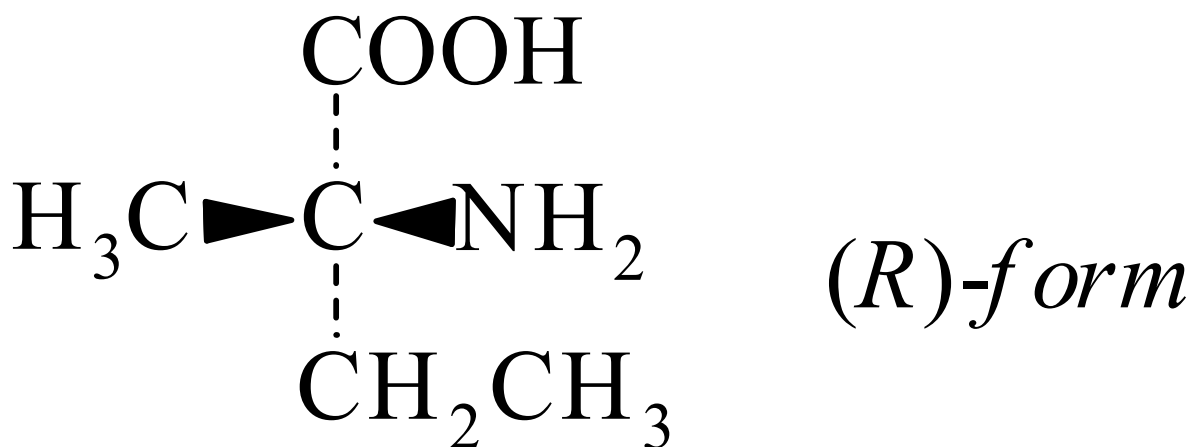




>>Entry Name: 2-Amino-2-methylbutanoic acid

Synonym(s): Isovaline, 9Cl, 8Cl, 2-Ethylalanine, Iva



CAS Registry Number: 465-58-7

Related CAS Registry Numbers(s): 37432-10-3 73473-40-2 76727-06-5 78410-93-2

Molecular Formula: $C_5H_{11}NO_2$

Molecular Weight: 117.147

Accurate Mass: 117.078979

Percentage Composition: C 51.26%; H 9.46%; N 11.96%; O 27.31%

>>Variant: (R)-form

Synonym(s): D-form

CAS Registry Number: 3059-97-0

Molecular Formula: $C_5H_{11}NO_2$

Molecular Weight: 117.147

Accurate Mass: 117.078979

Percentage Composition: C 51.26%; H 9.46%; N 11.96%; O 27.31%

Biological Source: Constit. of various peptide antibiotics e.g. Antiamebin [CKT61-V](#) and Trichotoxin A40 [BQM08-G](#)

Physical Description: Cryst.

Melting Point: Mp 300°

Optical Rotation: $[\alpha]_D -11.28$ (c, 5 in H_2O) (100% ee)

Other Data: Sublimes