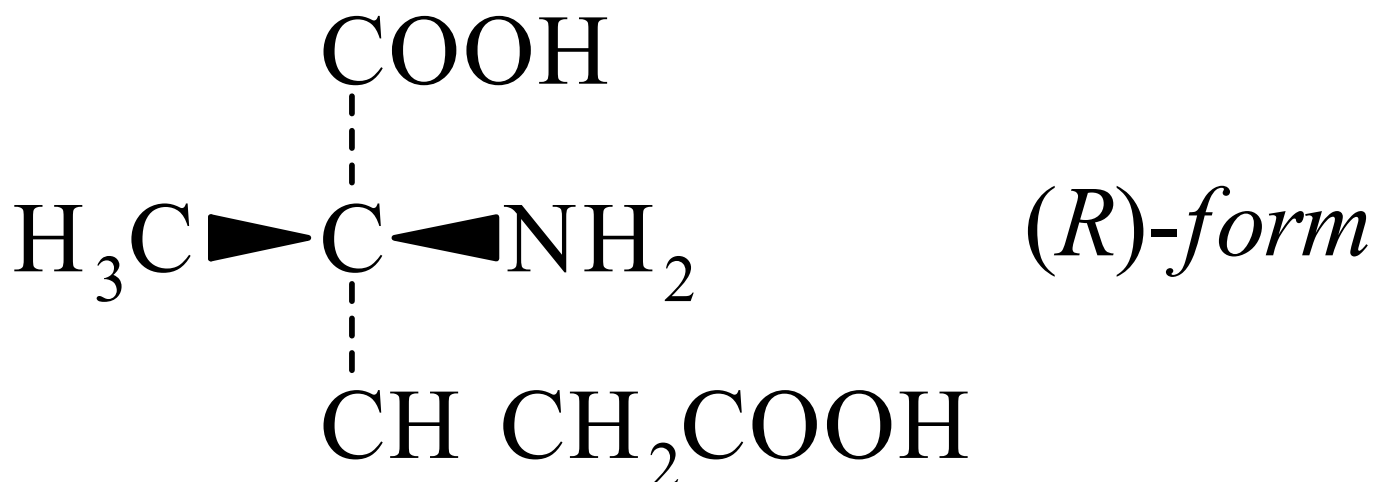




>>Entry Name: 2-Amino-2-methylpentanedioic acid

Synonym(s): α -Methylglutamic acid



CAS Registry Number: 71-90-9

Related CAS Registry Numbers(s): 103825-57-6 151075-03-5

Molecular Formula: $\text{C}_6\text{H}_{11}\text{NO}_4$

Molecular Weight: 161.157

Accurate Mass: 161.068809

Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%

Aldrich: 14894-6

Sigma: M9626

>>Variant: (R)-form

CAS Registry Number: 4493-08-7

Molecular Formula: $\text{C}_6\text{H}_{11}\text{NO}_4$

Molecular Weight: 161.157

Accurate Mass: 161.068809

Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%

Physical Description: Oil

Optical Rotation: $[\alpha]_{\text{D}}^{20} +10$ (c, 0.19 in H_2O). $[\alpha]_{436}^{25} -22.4$ (c, 2.8 in 6M HCl)