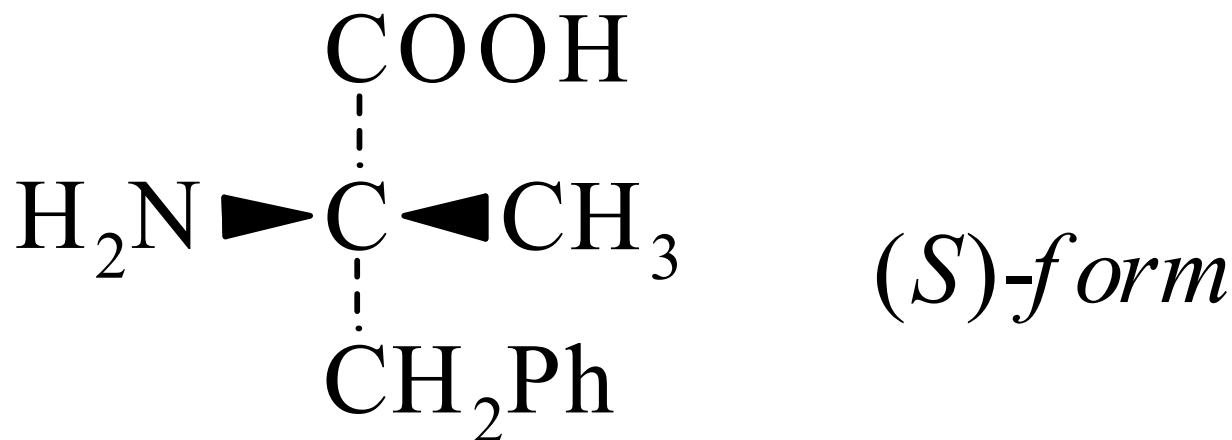




>>Entry Name: 2-Amino-2-methyl-3-phenylpropanoic acid

Synonym(s): α -Methylphenylalanine, 9CI. 2-Methyl-3-phenylalanine, 8CI. 2-Amino-2-phenylisobutyric acid



Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

>>Variant: (R)-form

CAS Registry Number: 17350-84-4

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Optical Rotation: [α]_D +20 (c, 0.11 in MeOH)

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 23239-35-2

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 308-309 dec.°

Optical Rotation: [α]_D²² -22 (c, 1 in H₂O)