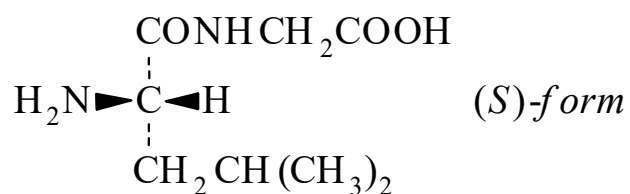




>>Entry Name: *N*-Leucylglycine



Molecular Formula: C₈H₁₆N₂O₃

Molecular Weight: 188.226

Accurate Mass: 188.116093

Percentage Composition: C 51.05%; H 8.57%; N 14.88%; O 25.50%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 686-50-0

Molecular Formula: C₈H₁₆N₂O₃

Molecular Weight: 188.226

Accurate Mass: 188.116093

Percentage Composition: C 51.05%; H 8.57%; N 14.88%; O 25.50%

Physical Description: Needles (EtOH)

Melting Point: Mp 248° (darkens at 235°)

Optical Rotation: $[\alpha]_{\text{D}}^{20} +81.5$ (H₂O)

Fluka: 61970

Sigma: L9625

>>Derivative: *N*-Benzoyl

CAS Registry Number: 2073-61-2

Molecular Formula: C₁₅H₂₀N₂O₄

Molecular Weight: 292.334

Accurate Mass: 292.142308

Percentage Composition: C 61.63%; H 6.90%; N 9.58%; O 21.89%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 134-135°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -26.4$ (c, 4.1 in EtOH)

>>Derivative: *N*-Benzoyl, Me ester

CAS Registry Number: 101225-64-3

Molecular Formula: C₁₆H₂₂N₂O₄

Molecular Weight: 306.361

Accurate Mass: 306.157958

Percentage Composition: C 62.73%; H 7.24%; N 9.14%; O 20.89%

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 92-94°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -26.9$ (c, 5 in MeOH)

>>Derivative: *N*-Benzoyl, Et ester

Synonym(s): Young's peptide

CAS Registry Number: 2418-77-1

Molecular Formula: C₁₇H₂₄N₂O₄

Molecular Weight: 320.388

Accurate Mass: 320.173608

Percentage Composition: C 63.73%; H 7.55%; N 8.74%; O 19.98%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 155-156°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -34.1$ (c, 0.94 in EtOH)

>>Derivative: *N*-Benzoyl, anilide

Molecular Formula: C₂₁H₂₅N₃O₃

Molecular Weight: 367.447

Accurate Mass: 367.189592

Percentage Composition: C 68.64%; H 6.86%; N 11.44%; O 13.06%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 137-138°

Optical Rotation: $[\alpha]$