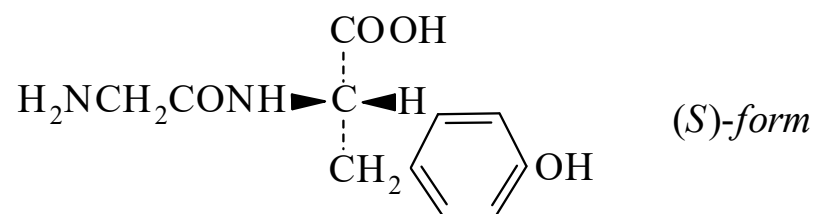




>>Entry Name: *N*-Glycyltyrosine



Molecular Formula: C₁₁H₁₄N₂O₄

Molecular Weight: 238.243

Accurate Mass: 238.095358

Percentage Composition: C 55.46%; H 5.92%; N 11.76%; O 26.86%

>>Variant: (*R*)-form

Synonym(s): D-form

CAS Registry Number: 133706-65-7

Molecular Formula: C₁₁H₁₄N₂O₄

Molecular Weight: 238.243

Accurate Mass: 238.095358

Percentage Composition: C 55.46%; H 5.92%; N 11.76%; O 26.86%

Melting Point: Mp 160 dec.°

Optical Rotation: $[\alpha]_D^{26} -44$ (c, 2 in H₂O)

>>Variant: (*S*)-form

Synonym(s): L-form

CAS Registry Number: 658-79-7

Extra CAS Registry Numbers(s): 39630-46-1

Molecular Formula: C₁₁H₁₄N₂O₄

Molecular Weight: 238.243

Accurate Mass: 238.095358

Percentage Composition: C 55.46%; H 5.92%; N 11.76%; O 26.86%

Melting Point: Mp 165 dec.°

Optical Rotation: $[\alpha]_D^{26} +44$ (c, 1 in H₂O)

Solubility: Sol. H₂O, MeOH, insol. Et₂O

Fluka: 50471

Sigma: G3502

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

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 127-128°

Optical Rotation: $[\alpha]_D +18$ (EtOH)

>>Derivative: Et ester

CAS Registry Number: 19240-28-9

Molecular Formula: C₁₃H₁₈N₂O₄

Molecular Weight: 266.296

Accurate Mass: 266.126658

Percentage Composition: C 58.64%; H 6.81%; N 10.52%; O 24.03%

Melting Point: Mp 245 dec.° (as hydrochloride)

>>Derivative: Lactam

Molecular Formula: C₁₁H₁₂N₂O₃

Molecular Weight: 220.227

Accurate Mass: 220.084793

Percentage Composition: C 59.99%; H 5.49%; N 12.72%; O 21.79%

Melting Point: Mp 295 dec.°

Optical Rotation: $[\alpha]_D^{20} +125.4$