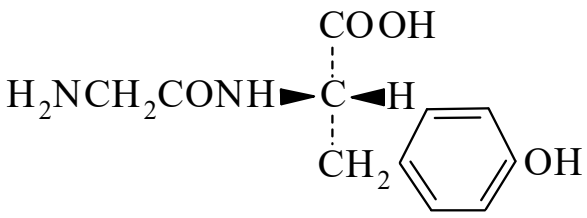
>>**Entry Name:** ***N*-Glycyltyrosine**



(*S*)-*form*

Molecular Formula: $C_{11}H_{14}N_2O_4$
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: $C_{11}H_{14}N_2O_4$
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 H_2O)

>>**Variant:** (*S*)-form
Synonym(s): L-form

CAS Registry Number: 658-79-7
Extra CAS Registry Numbers(s): 39630-46-1
Molecular Formula: $C_{11}H_{14}N_2O_4$
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 H_2O)
Solubility: Sol. H_2O, MeOH, insol. Et_2O
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: $C_{13}H_{18}N_2O_4$
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: $C_{11}H_{12}N_2O_3$
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