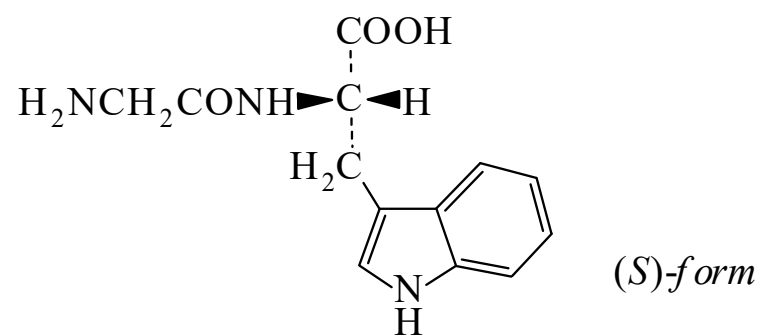




>>Entry Name: *N*-Glycyltryptophan, 9Cl



CAS Registry Number: 2189-26-6

Molecular Formula: C₁₃H₁₅N₃O₃

Molecular Weight: 261.28

Accurate Mass: 261.111342

Percentage Composition: C 59.76%; H 5.79%; N 16.08%; O 18.37%

>>Variant: D-form

CAS Registry Number: 50632-89-8

Molecular Formula: C₁₃H₁₅N₃O₃

Molecular Weight: 261.28

Accurate Mass: 261.111342

Percentage Composition: C 59.76%; H 5.79%; N 16.08%; O 18.37%

Optical Rotation: $[\alpha]_{\text{D}}^{26} -34.2$ (c, 2 in 5M HCl)

>>Variant: L-form

CAS Registry Number: 2390-74-1

Molecular Formula: C₁₃H₁₅N₃O₃

Molecular Weight: 261.28

Accurate Mass: 261.111342

Percentage Composition: C 59.76%; H 5.79%; N 16.08%; O 18.37%

Optical Rotation: $[\alpha]_{\text{D}}^{25} +34.3$ (c, 2 in 5M HCl)

Sigma: G5759

>>Derivative: *N*-Benzyloxycarbonyl

Physical Description: Cryst. (AcOH/petrol)

Melting Point: Mp 141-142°

Optical Rotation: $[\alpha]_{\text{D}}^{24} +33.3$ (c, 2.34 in EtOH)

References:

- Rao, K.R. *et al.*, *J. Biol. Chem.*, 1952, **198**, 507, (*synth*)
Robinson, D.S. *et al.*, *J. Biol. Chem.*, 1953, **202**, 1, (*synth*)
Weygand, F., *Chem. Ber.*, 1960, **93**, 2983
Theodoropoulos, D.M., *Biochemistry*, 1962, 933
Katakai, R. *et al.*, *J.O.C.*, 1972, **37**, 327, (*synth*)