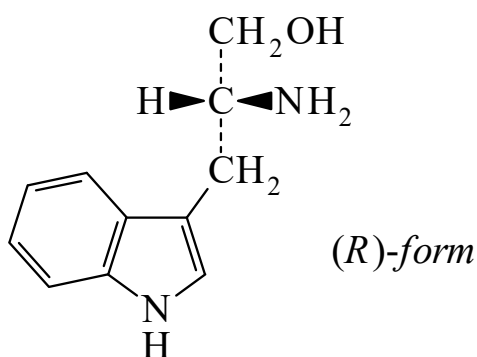




>>Entry Name: 2-Amino-3-(3-indolyl)-1-propanol

Synonym(s): β -Amino-1*H*-indole-3-propanol, 9Cl. Tryptophanol



CAS Registry Number: 526-53-4

Molecular Formula: C₁₁H₁₄N₂O

Molecular Weight: 190.244

Accurate Mass: 190.110613

Percentage Composition: C 69.45%; H 7.42%; N 14.72%; O 8.41%

>>Variant: (*R*)-form

Synonym(s): D-form

CAS Registry Number: 52485-52-6

Molecular Formula: C₁₁H₁₄N₂O

Molecular Weight: 190.244

Accurate Mass: 190.110613

Percentage Composition: C 69.45%; H 7.42%; N 14.72%; O 8.41%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 80-81°

Optical Rotation: $[\alpha]_D^{25} +20.9$ (c, 1 in MeOH)

Aldrich: 47003-1

>>Derivative: Oxalate salt (1:1)

CAS Registry Number: 58889-66-0

Melting Point: Mp 202-203°

Optical Rotation: $[\alpha]_D^{20} +22.1$ (c, 1.02 in H₂O)

>>Variant: (*S*)-form

Synonym(s): L-form

CAS Registry Number: 2899-29-8

Molecular Formula: C₁₁H₁₄N₂O

Molecular Weight: 190.244

Accurate Mass: 190.110613

Percentage Composition: C 69.45%; H 7.42%; N 14.72%; O 8.41%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 84-85°

Optical Rotation: $[\alpha]_D^{25} -20.5$ (c, 1 in MeOH)

Aldrich: 46997-1

>>Derivative: Oxalate salt (1:1)

CAS Registry Number: 2899-30-1

Melting Point: Mp 203-205°

Optical Rotation: $[\alpha]_D^{20} -22.4$ (c, 1.03 in H₂O)

Sigma: T5388