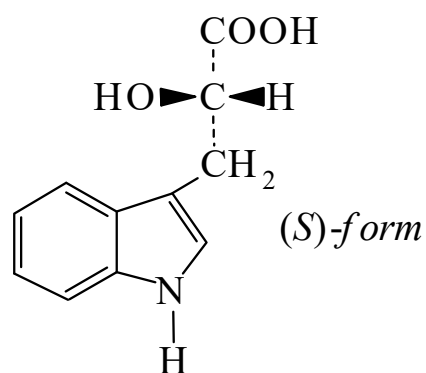




>>Entry Name: 2-Hydroxy-3-(3-indolyl)propanoic acid

Synonym(s): α -Hydroxy-1*H*-indole-3-propanoic acid, 9Cl. 3-(3-Indolyl)lactic acid



CAS Registry Number: 1821-52-9

Extra CAS Registry Numbers(s): 101312-07-6

Molecular Formula: C₁₁H₁₁NO₃

Molecular Weight: 205.213

Accurate Mass: 205.073894

Percentage Composition: C 64.38%; H 5.40%; N 6.83%; O 23.39%

>>Variant: (*S*)-form

CAS Registry Number: 7417-65-4

Molecular Formula: C₁₁H₁₁NO₃

Molecular Weight: 205.213

Accurate Mass: 205.073894

Percentage Composition: C 64.38%; H 5.40%; N 6.83%; O 23.39%

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 100-101° (99°)

Optical Rotation: $[\alpha]_{\text{D}}^{20} -5.36$ (H₂O)

>>Variant: ($\pm$)-form

CAS Registry Number: 832-97-3

Molecular Formula: C₁₁H₁₁NO₃

Molecular Weight: 205.213

Accurate Mass: 205.073894

Percentage Composition: C 64.38%; H 5.40%; N 6.83%; O 23.39%

Melting Point: Mp 144-145°

Aldrich: I-550-8

Sigma: I2875

>>Variant: (ξ)-form

Molecular Formula: C₁₁H₁₁NO₃

Molecular Weight: 205.213

Accurate Mass: 205.073894

Percentage Composition: C 64.38%; H 5.40%; N 6.83%; O 23.39%

Biological Source: Metab. of various bacteria incl. *Streptomyces* spp., *Agrobacterium* spp., *Acetobacter* spp. and *Aspergillus* spp.

>>Derivative: Et ester, *O*- β -D-glucopyranoside

CAS Registry Number: 143884-93-9

Molecular Formula: C₁₉H₂₅NO₈

Molecular Weight: 395.408

Accurate Mass: 395.158019

Percentage Composition: C 57.71%; H 6.37%; N 3.54%; O 32.37%

Biological Source: Constit. of Riesling wine

References: