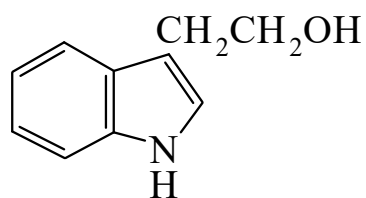




>>Entry Name: 3-(2-Hydroxyethyl)indole

Synonym(s): 1*H*-Indole-3-ethanol, 9CI. Tryptophol. 2-(3-Indolyl)ethanol



CAS Registry Number: 526-55-6

Molecular Formula: C₁₀H₁₁NO

Molecular Weight: 161.203

Accurate Mass: 161.084064

Percentage Composition: C 74.51%; H 6.88%; N 8.69%; O 9.93%

Use/Importance: Active against gram-positive bacteria and *Candida albicans*. Associated with fungal diseases of trees

Physical Description: Prisms (C₆H₆/petrol), plates (Et₂O/petrol)

Melting Point: Mp 59°

Boiling Point: Bp₂ 174°

Solubility: Sol. most org. solvs., spar. sol. H₂O, petrol

Other Data: Red. soln. in warm conc. H₂SO₄

Hazard & Toxicity: LD₅₀ (mus, ipr) 351 mg/kg

Aldrich: T9030-1

Fluka: 54350

Sigma: T1504

>>Derivative: Picrate

Physical Description: Red needles (H₂O)

Melting Point: Mp 100-101°

>>Derivative: *O*-Ac

CAS Registry Number: 13137-14-9

Molecular Formula: C₁₂H₁₃NO₂

Molecular Weight: 203.24

Accurate Mass: 203.094629

Percentage Composition: C 70.92%; H 6.45%; N 6.89%; O 15.74%

Physical Description: Oil

>>Derivative: *N*-Benzoyl

Molecular Formula: C₁₇H₁₅NO₂

Molecular Weight: 265.311

Accurate Mass: 265.110279

Percentage Composition: C 76.96%; H 5.70%; N 5.28%; O 12.06%

Physical Description: Yellow prisms and plates (petrol)

Melting Point: Mp 76°

>>Derivative: *O*-β-D-Galactopyranoside

Synonym(s): Tryptophol galactoside

CAS Registry Number: 95088-52-1

Molecular Formula: C₁₆H₂₁NO₆

Molecular Weight: 323.345

Accurate Mass: 323.136889

Percentage Composition: C 59.43%; H 6.55%; N 4.33%; O 29.69%

Biological Source: Isol. from *Euglena gracilis*