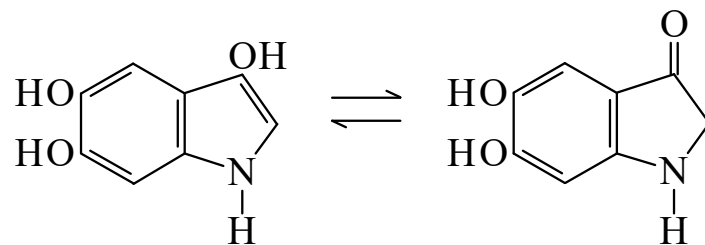




>>Entry Name: **1*H*-Indole-3,5,6-triol**, 9Cl

Synonym(s): 1,2-Dihydro-5,6-dihydroxy-3*H*-indol-3-one. 3,5,6-Trihydroxyindole. 5,6-Dihydroxyindoxyl. Noradrenolutin



CAS Registry Number: 3569-19-5

Related CAS Registry Numbers(s): 87708-46-1

Molecular Formula: C₈H₇NO₃

Molecular Weight: 165.148

Accurate Mass: 165.042594

Percentage Composition: C 58.18%; H 4.27%; N 8.48%; O 29.06%

Physical Description: Bright yellow needles

Melting Point: Mp 248 dec,°

Hazard & Toxicity: LD₅₀ (rat, ipr) 235 mg/kg

>>Derivative: Tri-Ac

Molecular Formula: C₁₄H₁₃NO₆

Molecular Weight: 291.26

Accurate Mass: 291.074289

Percentage Composition: C 57.73%; H 4.50%; N 4.81%; O 32.96%

Physical Description: Needles (C₆H₆/petrol)

Melting Point: Mp 123-124°

>>Derivative: *N*-Me

Synonym(s): Adrenolutin

CAS Registry Number: 642-75-1

Molecular Formula: C₉H₉NO₃

Molecular Weight: 179.175

Accurate Mass: 179.058244

Percentage Composition: C 60.33%; H 5.06%; N 7.82%; O 26.79%

Use/Importance: Fluorescent oxid. prod. of adrenaline

Physical Description: Yellow powder

Melting Point: Mp 285 dec.°

Solubility: Insol. Et₂O; C₆H₆, spar. sol. EtOAc

Other Data: The keto form is the major tautomer

>>Derivative: *N*-Me, monohydrate

Physical Description: Yellow cryst. (H₂O)

Melting Point: Mp 230-232°

>>Derivative: *N*-Me, hydrochloride

Physical Description: Yellow-brown cryst.

Melting Point: Mp 185 dec.°

Other Data: Dec. by H₂O

>>Variant: Enol-form

Molecular Formula: C₈H₇NO₃

Molecular Weight: 165.148

Accurate Mass: 165.042594

Percentage Composition: C 58.18%; H 4.27%; N 8.48%; O 29.06%

>>Derivative: *N*-Me, tri-Ac