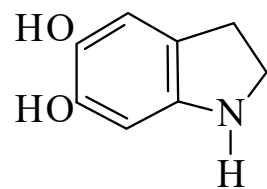




>>Entry Name: **2,3-Dihydro-1*H*-indole-5,6-diol**, 9CI
Synonym(s): 5,6-Dihydroxyindoline. 5,6-Indolinediol, 8CI



CAS Registry Number: 29539-03-5

Molecular Formula: C₈H₉NO₂

Molecular Weight: 151.165

Accurate Mass: 151.063329

Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%

>>Derivative: Hydrochloride

Physical Description: Needles (EtOH/Et₂O)

Melting Point: Mp 235-236°

>>Derivative: Hydrobromide

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 222-224 dec.°

>>Derivative: Di-*O*-Ac

CAS Registry Number: 15937-11-8

Molecular Formula: C₁₂H₁₃NO₄

Molecular Weight: 235.239

Accurate Mass: 235.084459

Percentage Composition: C 61.27%; H 5.57%; N 5.95%; O 27.21%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 223-224°

>>Derivative: Di-*O*-Ac, picrate

CAS Registry Number: 15937-26-5

Physical Description: Cryst. (EtOH)

Melting Point: Mp 244°

>>Derivative: Di-Me ether

Synonym(s): 2,3-Dihydro-5,6-dimethoxyindole

CAS Registry Number: 15937-07-2

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Melting Point: Mp 108.5°

>>Derivative: Di-Me ether; hydrochloride

CAS Registry Number: 15937-08-3

Melting Point: Mp 212°

>>Derivative: Di-Me ether, *N*-Ac

CAS Registry Number: 15937-10-7

Molecular Formula: C₁₂H₁₅NO₃

Molecular Weight: 221.255

Accurate Mass: 221.105194

Percentage Composition: C 65.14%; H 6.83%; N 6.33%; O 21.69%

Physical Description: Cryst. (C₆H₆ or EtOAc)

Melting Point: Mp 176°

References: