



>>Entry Name: 4-Hydroxy-1*H*-indole-2-carboxylic acid, 9CI

Molecular Formula: C₉H₇NO₃

Molecular Weight: 177.159

Accurate Mass: 177.042594

Percentage Composition: C 61.02%; H 3.98%; N 7.91%; O 27.09%

>>Derivative: Me ester

CAS Registry Number: 27748-08-9

Molecular Formula: C₁₀H₉NO₃

Molecular Weight: 191.186

Accurate Mass: 191.058244

Percentage Composition: C 62.82%; H 4.74%; N 7.33%; O 25.11%

Physical Description: Plates (EtOH)

Melting Point: Mp 143.5°

>>Derivative: Et ester

CAS Registry Number: 27737-56-0

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: Needles (EtOH)

Melting Point: Mp 161.5°

>>Derivative: Nitrile

Synonym(s): 2-Cyano-4-hydroxyindole

CAS Registry Number: 106469-57-2

Molecular Formula: C₉H₆N₂O

Molecular Weight: 158.159

Accurate Mass: 158.048013

Percentage Composition: C 68.35%; H 3.82%; N 17.71%; O 10.12%

Physical Description: Needles (MeOH/CHCl₃)

Melting Point: Mp 193-194°

>>Derivative: Me ether

Synonym(s): 4-Methoxy-1*H*-indole-2-carboxylic acid

CAS Registry Number: 103260-65-7

Molecular Formula: C₁₀H₉NO₃

Molecular Weight: 191.186

Accurate Mass: 191.058244

Percentage Composition: C 62.82%; H 4.74%; N 7.33%; O 25.11%

Physical Description: Needles (H₂O)

Melting Point: Mp 234-235 dec.°

>>Derivative: Me ether, Me ester

CAS Registry Number: 111258-23-2

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: Plates (CH₂Cl₂/petrol)

Melting Point: Mp 143.5° (140-142°)

Aldrich: 36556-4