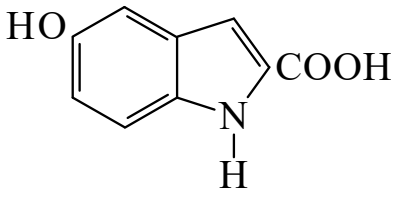
>>**Entry Name: 5-Hydroxy-1*H*-indole-2-carboxylic acid,** 9CI



CAS Registry Number: 21598-06-1

Molecular Formula: $C_9H_7NO_3$
Molecular Weight: 177.159
Accurate Mass: 177.042594
Percentage Composition: C 61.02%; H 3.98%; N 7.91%; O 27.09%
Use/Importance: Used for photometric detn. of $NO_2^{(-)}$ (λ_{max} 465 nm, ε 3500, H_2SO_4)
Melting Point: Mp 246 dec.°

Aldrich: 14351-0
Fluka: 55355
Sigma: H6509

>>**Derivative:** Me ester

CAS Registry Number: 51991-39-0
Molecular Formula: $C_{10}H_9NO_3$
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 (MeOH)
Melting Point: Mp 177°

>>**Derivative:** Et ester

CAS Registry Number: 24985-85-1
Molecular Formula: $C_{11}H_{11}NO_3$
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 156°

>>**Derivative:** Me ether
Synonym(s): 5-Methoxy-1*H*-indole-2-carboxylic acid

CAS Registry Number: 4382-54-1
Molecular Formula: $C_{10}H_9NO_3$
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 (H_2O)
Melting Point: Mp 196-197 dec.°
Solubility: Sol. EtOH, Et_2O, AcOH
pKa Value: pK_{a2} 17.03 (25°,NH)
Hazard & Toxicity: LD_{50} (mus, ipr) 350 mg/kg

Aldrich: M1495-1
Fluka: 65010
Sigma: M6637