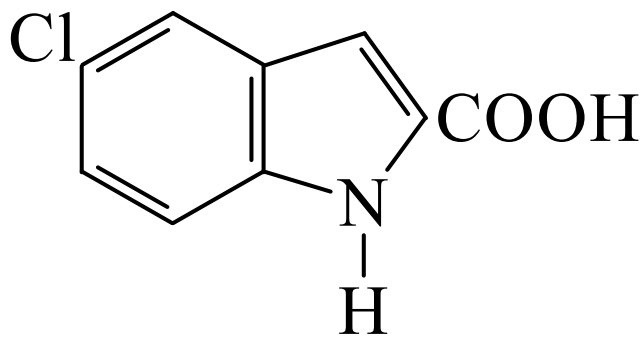
>>**Entry Name: 5-Chloro-1*H*-indole-2-carboxylic acid,** 9Cl



CAS Registry Number: 10517-21-2
Related CAS Registry Numbers(s): 64507-05-7 87802-11-7 128857-58-9 128857-67-0

Molecular Formula: $C_9H_6ClNO_2$
Molecular Weight: 195.605
Accurate Mass: 195.008706
Percentage Composition: C 55.26%; H 3.09%; Cl 18.12%; N 7.16%; O 16.36%
Source/Synthesis: Comly. available
Use/Importance: Displays high plasma cholesterol-reducing activity. Useful for treatment of CNS disorders
Physical Description: Cryst. (EtOH)
Melting Point: Mp 289-290 dec.°
pKa Value: pK_a 4.75 (50% EtOH aq.)

Aldrich: C4780-9
Sigma: C5647

>>**Derivative:** Et ester

CAS Registry Number: 4792-67-0
Molecular Formula: $C_{11}H_{10}ClNO_2$
Molecular Weight: 223.658
Accurate Mass: 223.040006
Percentage Composition: C 59.07%; H 4.51%; Cl 15.85%; N 6.26%; O 14.31%
Physical Description: Pale yellow needles (C_6H_6/hexane or EtOH)
Melting Point: Mp 167-168°. Mp 171.5-172.5°
Aldrich: 13809-6

>>**Derivative:** Amide

CAS Registry Number: 21109-01-3
Molecular Formula: $C_9H_7ClN_2O$
Molecular Weight: 194.62
Accurate Mass: 194.02469
Percentage Composition: C 55.54%; H 3.63%; Cl 18.22%; N 14.39%; O 8.22%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 236-238°

>>**Derivative:** Hydrazide

CAS Registry Number: 20948-67-8
Molecular Formula: $C_9H_8ClN_3O$
Molecular Weight: 209.634
Accurate Mass: 209.035589
Percentage Composition: C 51.57%; H 3.85%; Cl 16.91%; N 20.04%; O 7.63%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 269°

>>**Derivative:** *N*-Me

CAS Registry Number: 59908-47-3
Molecular Formula: $C_{10}H_8ClNO_2$
Molecular Weight: 209.631
Accurate Mass: 209.024356
Percentage Composition: C 57.30%; H 3.85%; Cl 16.91%; N 6.68%; O 15.26%
Physical Description: Powder
Melting Point: Mp 242-243 dec.°