>>**Entry Name: 2-Amino-5-chlorobenzoic acid,** 9Cl
Synonym(s): 5-Chloroanthranilic acid, 8Cl

CAS Registry Number: 635-21-2
Related CAS Registry Numbers(s): 4927-80-4

Molecular Formula: $C_7H_6ClNO_2$
Molecular Weight: 171.583
Accurate Mass: 171.008706
Percentage Composition: C 49.00%; H 3.52%; Cl 20.66%; N 8.16%; O 18.65%
Use/Importance: Has herbicidal and monoamine oxidase inhibitory props.
Melting Point: Mp 208-210.5°
pKa Value: pK_{a1} 1.69; pK_{a2} 4.35 (25°, 0.1*M* KCl)

Aldrich: 37804-6
Fluka: 7360
Sigma: A6408

>>**Derivative:** Me ester

CAS Registry Number: 5202-89-1
Molecular Formula: $C_8H_8ClNO_2$
Molecular Weight: 185.609
Accurate Mass: 185.024356
Percentage Composition: C 51.77%; H 4.34%; Cl 19.10%; N 7.55%; O 17.24%
Melting Point: Mp 68-70°
Boiling Point: Bp_{10} 150-153°
Aldrich: 30510-3

>>**Derivative:** Amide

CAS Registry Number: 5202-85-7
Molecular Formula: $C_7H_7ClN_2O$
Molecular Weight: 170.598
Accurate Mass: 170.02469
Percentage Composition: C 49.28%; H 4.14%; Cl 20.78%; N 16.42%; O 9.38%
Physical Description: Needles (EtOH)
Melting Point: Mp 172°

>>**Derivative:** Hydrazide

CAS Registry Number: 5584-15-6
Molecular Formula: $C_7H_8ClN_3O$
Molecular Weight: 185.612
Accurate Mass: 185.035589
Percentage Composition: C 45.30%; H 4.34%; Cl 19.10%; N 22.64%; O 8.62%
Melting Point: Mp 139-142°

>>**Derivative:** Nitrile
Synonym(s): 4-Chloro-2-cyanoaniline

CAS Registry Number: 5922-60-1
Molecular Formula: $C_7H_5ClN_2$
Molecular Weight: 152.583
Accurate Mass: 152.014125
Percentage Composition: C 55.10%; H 3.30%; Cl 23.24%; N 18.36%
Melting Point: Mp 96-97°