>>**Entry Name: 2-Amino-5-chlorophenol,** 9CI

CAS Registry Number: 28443-50-7

Molecular Formula: C_6H_6ClNO
Molecular Weight: 143.572
Accurate Mass: 143.013791
Percentage Composition: C 50.19%; H 4.21%; Cl 24.69%; N 9.76%; O 11.14%
Physical Description: Prisms (EtOH aq.)
Melting Point: Mp 154°

>>**Derivative:** Hydrochloride

CAS Registry Number: 56549-03-2
Physical Description: Plates
Melting Point: Mp 226-227 dec.°

>>**Derivative:** *N*-Ac

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 189-190°

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

Molecular Formula: $C_{10}H_{10}ClNO_3$
Molecular Weight: 227.647
Accurate Mass: 227.034921
Percentage Composition: C 52.76%; H 4.43%; Cl 15.57%; N 6.15%; O 21.08%
Melting Point: Mp 163-164°

>>**Derivative:** *O*,*N*-Dibenzoyl

Physical Description: Needles (EtOH)
Melting Point: Mp 140°

>>**Derivative:** Me ether
Synonym(s): 4-Chloro-2-methoxybenzenamine, 9CI. 4-Chloro-*o*-anisidine. 2-Amino-5-chloroanisole

CAS Registry Number: 93-50-5
Molecular Formula: C_7H_8ClNO
Molecular Weight: 157.599
Accurate Mass: 157.029441
Percentage Composition: C 53.35%; H 5.12%; Cl 22.50%; N 8.89%; O 10.15%
Physical Description: Needles or prisms.
Melting Point: Mp 57° (45-46°)
Boiling Point: Bp 260°

>>**Derivative:** Me ether; hydrochloride

Melting Point: Mp 238°

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

Molecular Formula: $C_9H_{10}ClNO_2$
Molecular Weight: 199.636
Accurate Mass: 199.040006
Percentage Composition: C 54.15%; H 5.05%; Cl 17.76%; N 7.02%; O 16.03%
Physical Description: Leaflets
Melting Point: Mp 150°