



>>Entry Name: 2-Amino-5-chlorophenol, 9Cl

CAS Registry Number: 28443-50-7

Molecular Formula: C₆H₆ClNO

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: C₈H₈ClNO₂

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: C₁₀H₁₀ClNO₃

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, 9Cl. 4-Chloro-*o*-anisidine. 2-Amino-5-chloroanisole

CAS Registry Number: 93-50-5

Molecular Formula: C₇H₈ClNO

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: C₉H₁₀ClNO₂

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°