



>>Entry Name: 2-Amino-6-chlorobenzoic acid, 9Cl

Synonym(s): 6-Chloroanthranilic acid, 8Cl

CAS Registry Number: 2148-56-3

Related CAS Registry Numbers(s): 172217-11-7

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%

Physical Description: Needles (AcOH)

Melting Point: Mp 149-150°

Aldrich: 42262-2

Sigma: A1836

>>Derivative: Hydrochloride

CAS Registry Number: 100960-33-6

Physical Description: Needles

Melting Point: Mp 195 dec.°

>>Derivative: Me ester

CAS Registry Number: 41632-04-6

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%

Boiling Point: Bp₁₀ 156-159°

>>Derivative: Nitrile

Synonym(s): 3-Chloro-2-cyanoaniline

CAS Registry Number: 6575-11-7

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 132-136°

>>Derivative: *N*-Ac

CAS Registry Number: 19407-42-2

Molecular Formula: $C_9H_8ClNO_3$

Molecular Weight: 213.62

Accurate Mass: 213.019271

Percentage Composition: C 50.60%; H 3.77%; Cl 16.60%; N 6.56%; O 22.47%

Physical Description: Needles (H₂O)

Melting Point: Mp 215°

>>Derivative: *N*-Me

CAS Registry Number: 64460-50-0

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%

Physical Description: Needles (EtOH)

Melting Point: Mp 178°

References: