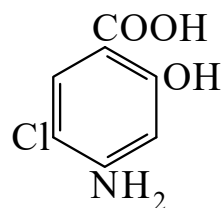




>>Entry Name: 4-Amino-5-chloro-2-hydroxybenzoic acid, 9Cl

Synonym(s): 4-Amino-5-chlorosalicylic acid, 8Cl



CAS Registry Number: 21386-95-8

Molecular Formula: $C_7H_6ClNO_3$

Molecular Weight: 187.582

Accurate Mass: 187.003621

Percentage Composition: C 44.82%; H 3.22%; Cl 18.90%; N 7.47%; O 25.59%

Melting Point: Mp 187.5-188.5°

>>Derivative: N-Ac

CAS Registry Number: 21386-96-9

Molecular Formula: $C_9H_8ClNO_4$

Molecular Weight: 229.619

Accurate Mass: 229.014186

Percentage Composition: C 47.08%; H 3.51%; Cl 15.44%; N 6.10%; O 27.87%

Melting Point: Mp 242°

>>Derivative: Me ether

Synonym(s): 4-Amino-5-chloro-2-methoxybenzoic acid

CAS Registry Number: 7206-70-4

Molecular Formula: $C_8H_8ClNO_3$

Molecular Weight: 201.609

Accurate Mass: 201.019271

Percentage Composition: C 47.66%; H 4.00%; Cl 17.58%; N 6.95%; O 23.81%

Biological Use/Importance: Pharmaceutical intermed.

Physical Description: Cryst. (MeOH)

Melting Point: Mp 208-210°

Aldrich: 34087-1

>>Derivative: Me ether, Me ester

CAS Registry Number: 20896-27-9

Molecular Formula: $C_9H_{10}ClNO_3$

Molecular Weight: 215.636

Accurate Mass: 215.034921

Percentage Composition: C 50.13%; H 4.67%; Cl 16.44%; N 6.50%; O 22.26%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 135°

>>Derivative: Me ether, 2-(diethylamino)ethyl ester

Synonym(s): SDZ 205557

CAS Registry Number: 137196-67-9

Molecular Formula: $C_{14}H_{21}ClN_2O_3$

Molecular Weight: 300.784

Accurate Mass: 300.12407

Percentage Composition: C 55.91%; H 7.04%; Cl 11.79%; N 9.31%; O 15.96%

Biological Use/Importance: 5-HT₄ receptor antagonist

Other: Manuf. by Sandoz