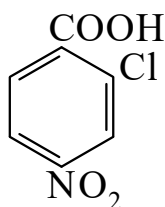




>>Entry Name: 2-Chloro-4-nitrobenzoic acid, 9Cl, 8Cl



CAS Registry Number: 99-60-5

Molecular Formula: C₇H₄ClNO₄

Molecular Weight: 201.566

Accurate Mass: 200.982886

Percentage Composition: C 41.71%; H 2.00%; Cl 17.59%; N 6.95%; O 31.75%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 142-143°

pKa Value: pK_{a1} 2.14

Hazard & Toxicity: Severe eye irritant

Aldrich: C5960-2

Fluka: 25410

>>Derivative: Me ester

Molecular Formula: C₈H₆ClNO₄

Molecular Weight: 215.592

Accurate Mass: 214.998536

Percentage Composition: C 44.57%; H 2.81%; Cl 16.44%; N 6.50%; O 29.68%

Physical Description: Cryst.

Melting Point: Mp 73-75°

>>Derivative: Chloride

CAS Registry Number: 7073-36-1

Molecular Formula: C₇H₃Cl₂NO₃

Molecular Weight: 220.011

Accurate Mass: 218.948998

Percentage Composition: C 38.21%; H 1.37%; Cl 32.23%; N 6.37%; O 21.82%

Physical Description: Cryst.

Melting Point: Mp 115°

>>Derivative: Amide

Synonym(s): Aklomide, BAN, INN, USAN. Novostat. Aklomix

CAS Registry Number: 3011-89-0

Molecular Formula: C₇H₅ClN₂O₃

Molecular Weight: 200.581

Accurate Mass: 199.99887

Percentage Composition: C 41.92%; H 2.51%; Cl 17.68%; N 13.97%; O 23.93%

Use/Importance: Veterinary coccidiostat

Physical Description: Cryst. (EtOH)

Melting Point: Mp 172°

Calculated Log P Data: Log P 0.59 (calc)

Rare Chemicals Library: S60486-0

References:

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