>>**Entry Name: 3-Amino-2,5-dichlorobenzoic acid,** 9Cl, 8Cl
Synonym(s): Chloramben, BSI. Amiben. Vegiben

CAS Registry Number: 133-90-4

Molecular Formula: $C_7H_5Cl_2NO_2$
Molecular Weight: 206.027
Accurate Mass: 204.969733
Percentage Composition: C 40.81%; H 2.45%; Cl 34.42%; N 6.80%; O 15.53%
Use/Importance: Preemergence herbicide
Physical Description: Purplish-white powder
Melting Point: Mp 200-201°
Other Data: Numerous *N*-acyl derivs. have also been used as herbicides
Hazard & Toxicity: LD_{50} (rat, orl) 3500 mg/kg

Rare Chemicals Library: S45830-9
Sigma: A5509

>>**Derivative:** Me ester

CAS Registry Number: 7286-84-2
Molecular Formula: $C_8H_7Cl_2NO_2$
Molecular Weight: 220.054
Accurate Mass: 218.985383
Percentage Composition: C 43.67%; H 3.21%; Cl 32.22%; N 6.37%; O 14.54%
Use/Importance: Herbicide
Melting Point: Mp 58-60°. Mp 63-64°

Supelco: R47-4305

>>**Derivative:** Amide
Synonym(s): 3-Amino-2,5-dichlorobenzamide. Chlorambenamide

CAS Registry Number: 2280-93-5
Molecular Formula: $C_7H_6Cl_2N_2O$
Molecular Weight: 205.043
Accurate Mass: 203.985717
Percentage Composition: C 41.00%; H 2.95%; Cl 34.58%; N 13.66%; O 7.80%
Use/Importance: Herbicide
Physical Description: Cryst. (H_2O)
Melting Point: Mp 162-163°

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

Molecular Formula: $C_9H_7Cl_2NO_3$
Molecular Weight: 248.065
Accurate Mass: 246.980298
Percentage Composition: C 43.58%; H 2.84%; Cl 28.58%; N 5.65%; O 19.35%
Use/Importance: Herbicide
Melting Point: Mp 215-217°

>>**Derivative:** *N*,*N*-Di-Me

Molecular Formula: $C_9H_9Cl_2NO_2$
Molecular Weight: 234.081
Accurate Mass: 233.001033
Percentage Composition: C 46.18%; H 3.88%; Cl 30.29%; N 5.98%; O 13.67%
Melting Point: Mp 194-197 dec.°

References:

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