



>>Entry Name: 2-Amino-3,5-dichlorobenzoic acid, 9Cl

Synonym(s): 3,5-Dichloroanthranilic acid, 8Cl

CAS Registry Number: 2789-92-6

Molecular Formula: C<sub>7</sub>H<sub>5</sub>Cl<sub>2</sub>NO<sub>2</sub>

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%

Physical Description: Needles (EtOH or EtOH/C<sub>6</sub>H<sub>6</sub>)

Melting Point: Mp 233-234°

Aldrich: D5600-4

Rare Chemicals Library: S45864-3

>>Derivative: Me ester

CAS Registry Number: 52727-62-5

Molecular Formula: C<sub>8</sub>H<sub>7</sub>Cl<sub>2</sub>NO<sub>2</sub>

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%

Physical Description: Cryst. (petrol)

Melting Point: Mp 63-64°

>>Derivative: *N*-Me

Molecular Formula: C<sub>8</sub>H<sub>7</sub>Cl<sub>2</sub>NO<sub>2</sub>

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%

Melting Point: Mp 114-116°

>>Derivative: *N*-Ac

CAS Registry Number: 19094-64-5

Molecular Formula: C<sub>9</sub>H<sub>7</sub>Cl<sub>2</sub>NO<sub>3</sub>

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%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 203°

>>Derivative: Amide

CAS Registry Number: 36765-01-2

Molecular Formula: C<sub>7</sub>H<sub>6</sub>Cl<sub>2</sub>N<sub>2</sub>O

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%

Melting Point: Mp 284 dec.°

Rare Chemicals Library: S90813-4

>>Derivative: Me ester, *N*-Ac

Molecular Formula: C<sub>10</sub>H<sub>9</sub>Cl<sub>2</sub>NO<sub>3</sub>

Molecular Weight: 262.091

Accurate Mass: 260.995948

Percentage Composition: C 45.83%; H 3.46%; Cl 27.05%; N 5.34%; O 18.31%

Physical Description: Cryst. (petrol)

Melting Point: Mp 146-148°

References: