



>>Entry Name: 4-Chloro-2,6-pyridinedicarboxylic acid, 9Cl, 8Cl

Synonym(s): 4-Chlorodipicolinic acid

CAS Registry Number: 4722-94-5

Structure by analogy with 2-Chloro-3,4-pyridinedicarboxylic acid, [KPT30-E](#)

Molecular Formula: C<sub>7</sub>H<sub>4</sub>ClNO<sub>4</sub>

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. (H<sub>2</sub>O)

Melting Point: Mp 218-219°

>>Derivative: Di-Me ester

CAS Registry Number: 5371-70-0

Molecular Formula: C<sub>9</sub>H<sub>8</sub>ClNO<sub>4</sub>

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%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 142-143°

>>Derivative: Di-Et ester

CAS Registry Number: 53389-01-8

Molecular Formula: C<sub>11</sub>H<sub>12</sub>ClNO<sub>4</sub>

Molecular Weight: 257.673

Accurate Mass: 257.045486

Percentage Composition: C 51.27%; H 4.69%; Cl 13.76%; N 5.44%; O 24.84%

Physical Description: Needles (EtOH)

Melting Point: Mp 92-94°

>>Derivative: Dichloride

CAS Registry Number: 71022-75-8

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

Molecular Weight: 238.456

Accurate Mass: 236.91511

Percentage Composition: C 35.26%; H 0.85%; Cl 44.60%; N 5.87%; O 13.42%

Physical Description: Cryst. (petrol)

Melting Point: Mp 97-98°

>>Derivative: Diamide

CAS Registry Number: 60494-50-0

Molecular Formula: C<sub>7</sub>H<sub>6</sub>ClN<sub>3</sub>O<sub>2</sub>

Molecular Weight: 199.596

Accurate Mass: 199.014854

Percentage Composition: C 42.12%; H 3.03%; Cl 17.76%; N 21.05%; O 16.03%

Physical Description: Cryst. (H<sub>2</sub>O)

Melting Point: Mp 300°

>>Derivative: Dianilide

Molecular Formula: C<sub>19</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>2</sub>

Molecular Weight: 351.791

Accurate Mass: 351.077454

Percentage Composition: C 64.87%; H 4.01%; Cl 10.08%; N 11.94%; O 9.10%

Physical Description: Cryst. (AcOH)

Melting Point: Mp 272°