



>>Entry Name: 6-Amino-2-pyridinecarboxylic acid, 9Cl

Synonym(s): 6-Aminopicolinic acid, 8Cl

CAS Registry Number: 23628-31-1

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

Molecular Weight: 138.126

Accurate Mass: 138.042928

Percentage Composition: C 52.17%; H 4.38%; N 20.28%; O 23.17%

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

Melting Point: Mp 316-318°

>>Derivative: Me ester

Molecular Formula: C<sub>7</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 152.152

Accurate Mass: 152.058578

Percentage Composition: C 55.26%; H 5.30%; N 18.41%; O 21.03%

Physical Description: Solid

Melting Point: Mp 88°

>>Derivative: Et ester

Molecular Formula: C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 166.179

Accurate Mass: 166.074228

Percentage Composition: C 57.82%; H 6.07%; N 16.86%; O 19.26%

Physical Description: Solid

Melting Point: Mp 56°

>>Derivative: Amide

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

Molecular Weight: 137.141

Accurate Mass: 137.058912

Percentage Composition: C 52.55%; H 5.14%; N 30.64%; O 11.67%

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

Melting Point: Mp 145°

>>Derivative: *N*-Ac

CAS Registry Number: 26893-72-1

Molecular Formula: C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 180.163

Accurate Mass: 180.053493

Percentage Composition: C 53.33%; H 4.48%; N 15.55%; O 26.64%

Physical Description: Cryst.

Melting Point: Mp 220°

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

Molecular Formula: C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 194.19

Accurate Mass: 194.069143

Percentage Composition: C 55.67%; H 5.19%; N 14.43%; O 24.72%

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

Melting Point: Mp 180°

>>Derivative: *N*-Ac, amide

Molecular Formula: C<sub>8</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 179.178

Accurate Mass: 179.069477

Percentage Composition: C 53.63%; H 5.06%; N 23.45%; O 17.86%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 223°

References: