



>>Entry Name: 4,6-Dimethyl-3-pyridinecarboxylic acid, 9Cl

Synonym(s): 4,6-Dimethylnicotinic acid, 8Cl

CAS Registry Number: 22047-86-5

Extra CAS Registry Numbers(s): 117213-56-6

Structure by analogy with 2,3-Dimethyl-4-pyridinecarboxylic acid, [GDQ08-Q](#)

Molecular Formula: C₈H₉NO₂

Molecular Weight: 151.165

Accurate Mass: 151.063329

Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 193-194°

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH)

Melting Point: Mp 257-259°

>>Derivative: Me ester

CAS Registry Number: 69971-44-4

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Cryst.

Melting Point: Mp 44-45°

Boiling Point: Bp_{0.005} 53-60°

>>Derivative: Et ester

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Boiling Point: Bp₃ 90°

Refractive Index: n_D 1.5058

>>Derivative: Et ester; picrate

CAS Registry Number: 13742-96-6

Melting Point: Mp 161°

>>Derivative: Amide

Molecular Formula: C₈H₁₀N₂O

Molecular Weight: 150.18

Accurate Mass: 150.079313

Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%

Physical Description: Cryst.

Melting Point: Mp 164-165°

>>Derivative: Nitrile

Synonym(s): 4,6-Dimethyl-3-pyridinecarbonitrile, 9Cl. 4,6-Dimethylnicotinonitrile, 8Cl. 3-Cyano-4,6-dimethylpyridine

CAS Registry Number: 6623-21-8

Molecular Formula: C₈H₈N₂

Molecular Weight: 132.165

Accurate Mass: 132.068748

Percentage Composition: C 72.70%; H 6.10%; N 21.20%

Physical Description: Cryst. (petrol)

Melting Point: Mp 58-59° (56-57°)

References: