



>>Entry Name: 6-Chloro-3-pyridineacetic acid, 9Cl

CAS Registry Number: 39891-13-9

Structure by analogy with 2-Chloro-3-pyridineacetic acid, [DOZ30-C](#)

Molecular Formula: C₇H₆ClNO₂

Molecular Weight: 171.583

Accurate Mass: 171.008706

Percentage Composition: C 49.00%; H 3.52%; Cl 20.66%; N 8.16%; O 18.65%

Physical Description: Solid (H₂O)

Melting Point: Mp 174-176°

>>Derivative: Et ester

CAS Registry Number: 197376-47-9

Molecular Formula: C₉H₁₀ClNO₂

Molecular Weight: 199.636

Accurate Mass: 199.040006

Percentage Composition: C 54.15%; H 5.05%; Cl 17.76%; N 7.02%; O 16.03%

Physical Description: Oil

Boiling Point: Bp_{0.15} 75°

>>Derivative: Nitrile

Synonym(s): 2-Chloro-5-(cyanomethyl)pyridine

CAS Registry Number: 39891-09-3

Molecular Formula: C₇H₅ClN₂

Molecular Weight: 152.583

Accurate Mass: 152.014125

Percentage Composition: C 55.10%; H 3.30%; Cl 23.24%; N 18.36%

Physical Description: Plates (Et₂O/petrol)

Melting Point: Mp 51-52°

>>Derivative: N-Oxide, Et ester

CAS Registry Number: 197376-53-7

Molecular Formula: C₉H₁₀ClNO₃

Molecular Weight: 215.636

Accurate Mass: 215.034921

Percentage Composition: C 50.13%; H 4.67%; Cl 16.44%; N 6.50%; O 22.26%

Physical Description: Cryst.

Melting Point: Mp 104-105°

References:

Okuda, S. *et al.*, *J.A.C.S.*, 1959, **81**, 740-743, (*nitrile*)

Carlson, L.A., *Acta Pharm. Suec.*, 1972, **9**, 411-418, (*synth*)

Bremner, D.H. *et al.*, *Synthesis*, 1997, 949-952, (*Et ester derivs*)