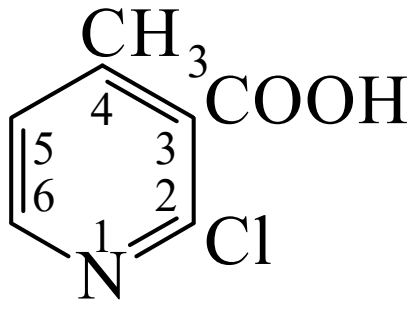
>>**Entry Name: 2-Chloro-4-methyl-3-pyridinecarboxylic acid,** 9Cl
**Synonym(s):** 2-Chloro-4-methylnicotinic acid




**Related CAS Registry Numbers(s):** 50840-02-3

**Molecular Formula:** $C_7H_6ClNO_2$
**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%

>>**Derivative:** Et ester

**Molecular Formula:** $C_9H_{10}ClNO_2$
**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%
**Boiling Point:** $Bp_1$ 95-97°

>>**Derivative:** Chloride

**CAS Registry Number:** 50839-95-7
**Molecular Formula:** $C_7H_5Cl_2NO$
**Molecular Weight:** 190.028
**Accurate Mass:** 188.974818
**Percentage Composition:** C 44.24%; H 2.65%; Cl 37.31%; N 7.37%; O 8.42%
**Physical Description:** Liq.
**Boiling Point:** $Bp_{45}$ 110-115°

>>**Derivative:** Amide

**Molecular Formula:** $C_7H_7ClN_2O$
**Molecular Weight:** 170.598
**Accurate Mass:** 170.02469
**Percentage Composition:** C 49.28%; H 4.14%; Cl 20.78%; N 16.42%; O 9.38%
**Melting Point:** Mp 63-66°

>>**Derivative:** Nitrile
**Synonym(s):** 2-Chloro-3-cyano-4-methylpyridine

**CAS Registry Number:** 65169-38-2
**Molecular Formula:** $C_7H_5ClN_2$
**Molecular Weight:** 152.583
**Accurate Mass:** 152.014125
**Percentage Composition:** C 55.10%; H 3.30%; Cl 23.24%; N 18.36%
**Physical Description:** Cryst. (EtOAc)
**Melting Point:** Mp 105-108°

**References:**

Abramenko, P.I. *et al.*, *CA*, 1973, **80**, 14864y, *(chloride)*
Morisawa, Y. *et al.*, *J. Med. Chem.*, 1978, **21**, 194, *(nitrile)*