



>>Entry Name: 6-(Chloromethyl)-2-pyridinecarboxylic acid

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%

>>Derivative: Et ester

CAS Registry Number: 49668-99-7

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

>>Derivative: Nitrile

Synonym(s): 2-(Chloromethyl)-6-cyanopyridine

CAS Registry Number: 135450-23-6

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: Powder (EtOAc/hexane)

Melting Point: Mp 64-65°

Hazard & Toxicity: Irritant

References:

Fornasier, R. *et al.*, *J.C.S. Perkin 2*, 1986, 233, (*Et ester, synth, pmr, ms*)

Katsura, Y. *et al.*, *J. Med. Chem.*, 1994, **37**, 57, (*nitrile synth, ir, pmr, haz*)