



>>Entry Name: 4-Pyridineacetic acid

CAS Registry Number: 28356-58-3

Molecular Formula: $C_7H_7NO_2$

Molecular Weight: 137.138

Accurate Mass: 137.047679

Percentage Composition: C 61.31%; H 5.14%; N 10.21%; O 23.33%

Fluka: 82990

>>Derivative: Hydrochloride

CAS Registry Number: 6622-91-9

Melting Point: Mp 130-131°

Aldrich: P6585-1

>>Derivative: Et ester

CAS Registry Number: 54401-85-3

Molecular Formula: $C_9H_{11}NO_2$

Molecular Weight: 165.191

Accurate Mass: 165.078979

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

Melting Point: Mp 18-19°

Boiling Point: Bp₃ 107-108°. Bp_{0.15} 73.5°

Aldrich: 42397-1

>>Derivative: Et ester, picrate

Melting Point: Mp 121-123°

>>Derivative: Nitrile

Synonym(s): 4-Pyridineacetonitrile, 9Cl. 4-(Cyanomethyl)pyridine

CAS Registry Number: 13121-99-8

Molecular Formula: $C_7H_6N_2$

Molecular Weight: 118.138

Accurate Mass: 118.053098

Percentage Composition: C 71.17%; H 5.12%; N 23.71%

Melting Point: Mp 40°

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **3**, 318B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 786B, (*ir*)

Malan, R.L. *et al.*, *J.A.C.S.*, 1947, **69**, 1797

Jones, R.A. *et al.*, *Aust. J. Chem.*, 1964, **17**, 455

Hung, J. *et al.*, *J. Het. Chem.*, 1984, **21**, 741, (*nitrile*)