



>>Entry Name: 3-Pyridineacetic acid

Synonym(s): Homonicotinic acid

CAS Registry Number: 501-81-5

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%

Melting Point: Mp 144°

Rare Chemicals Library: S56403-6

>>Derivative: Hydrochloride

CAS Registry Number: 6419-36-9

Melting Point: Mp 153-155°

Aldrich: P6580-0

Fluka: 82988

>>Derivative: Me ester

CAS Registry Number: 39998-25-9

Molecular Formula: $C_8H_9NO_2$

Molecular Weight: 151.165

Accurate Mass: 151.063329

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

Boiling Point: Bp₁₀ 112°

Rare Chemicals Library: S36385-5

>>Derivative: Et ester

CAS Registry Number: 39931-77-6

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%

Boiling Point: Bp₁₂ 124°

Aldrich: E4725-5

Fluka: 82984

>>Derivative: Me ester; methiodide

Melting Point: Mp 85°

>>Derivative: Nitrile

Synonym(s): 3-(Cyanomethyl)pyridine

CAS Registry Number: 6443-85-2

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%

Boiling Point: Bp_{1.5} 101-109°

Refractive Index: n_D²⁰ 1.5290

Aldrich: P6600-9

Fluka: 82899

References:

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