



>>Entry Name: 4-Pyridinepropanol, 9Cl, 8Cl

Synonym(s): 3-(4-Pyridyl)-1-propanol. 4-(3-Hydroxypropyl)pyridine

CAS Registry Number: 2629-72-3

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Physical Description: Liq.

Boiling Point: Bp₁₄ 164°

pKa Value: pK_{a1} 5.84; pK_{a2} 18.41 (25°)

Aldrich: 38564-6

>>Derivative: Ac

CAS Registry Number: 38456-25-6

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Boiling Point: Bp_{0.75} 42°

>>Derivative: Me ether

Synonym(s): 4-(3-Methoxypropyl)pyridine

Molecular Formula: C₉H₁₃NO

Molecular Weight: 151.208

Accurate Mass: 151.099714

Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%

Physical Description: Liq.

Boiling Point: Bp₁₇ 121°

References:

Sadtler Standard Infrared Spectra, No 64587

Sadtler Standard NMR Spectra, No 37812, (*pmr*)

Norton, T.R. *et al.*, *J.A.C.S.*, 1946, **68**, 1572, (*Me ether*)

Schaeffgen, J.R. *et al.*, *J. Polym. Sci.*, 1959, **40**, 377, (*synth*)

Tissier, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1967, 3155, (*props*)

Cooks, R.G. *et al.*, *J.O.C.*, 1973, **38**, 1114, (*synth, ms*)