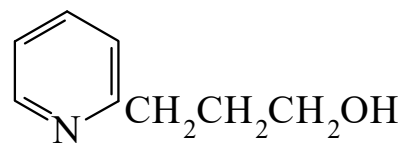




>>Entry Name: 2-Pyridinepropanol, 9CI, 8CI

Synonym(s): 3-(2-Pyridyl)-1-propanol. 2-(3-Hydroxypropyl)pyridine



CAS Registry Number: 2859-68-9

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: Bp₂₀ 190-195°

pKa Value: pK_{a1} 5.61 pK_{a2} 18

Refractive Index: n_D²⁵ 1.5280

Aldrich: P7100-2

>>Derivative: Picrate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 72-74°

>>Derivative: Ac

CAS Registry Number: 38456-23-4

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%

Physical Description: Liq.

Boiling Point: Bp_{0.08} 59-62°

>>Derivative: N-Oxide

Molecular Formula: C₈H₁₁NO₂

Molecular Weight: 153.18

Accurate Mass: 153.078979

Percentage Composition: C 62.73%; H 7.24%; N 9.14%; O 20.89%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 52-54°

References:

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