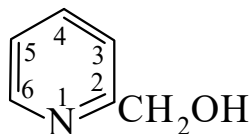




>>Entry Name: **2-Pyridinemethanol**, 9CI, 8CI

Synonym(s): 2-Hydroxymethylpyridine. 2-Pyridylcarbinol. **Piconol**, INN



CAS Registry Number: 586-98-1

Molecular Formula: C₆H₇NO

Molecular Weight: 109.127

Accurate Mass: 109.052764

Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%

Use/Importance: Vasodilator

Physical Description: Viscous oil with pyridine odour

Boiling Point: Bp₁₆ 112-113°

Density: d₄²⁰ 1.132

pKa Value: pK_a 4.86 (25°)

Refractive Index: n_D²⁰ 1.5444

Calculated Log P Data: Log P -0.39 (calc)

Aldrich: P6660-2

Fluka: 55770

Sigma: P7532

>>Derivative: Hydrochloride

Melting Point: Mp 110°

>>Derivative: Picrate

CAS Registry Number: 77333-88-1

Physical Description: Yellow cryst. (EtOH)

Melting Point: Mp 161-162° (155-156°)

>>Derivative: Methiodide

Melting Point: Mp 153.5-154.5°

>>Derivative: Ac

CAS Registry Number: 1007-49-4

Molecular Formula: C₈H₉NO₂

Molecular Weight: 151.165

Accurate Mass: 151.063329

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

Physical Description: Oil

Boiling Point: Bp₂₂ 115-118°

Rare Chemicals Library: S58078-3

>>Derivative: Ac, methiodide

Physical Description: Plates (EtOH/Et₂O)

Melting Point: Mp 154-155°

>>Derivative: Benzoyl

CAS Registry Number: 66310-15-4

Molecular Formula: C₁₃H₁₁NO₂

Molecular Weight: 213.235

Accurate Mass: 213.078979

Percentage Composition: C 73.23%; H 5.20%; N 6.57%; O 15.01%

Physical Description: Oil

Boiling Point: Bp_{1.2} 124-125°