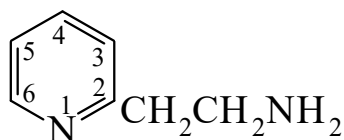




>>Entry Name: 2-Pyridineethanamine, 9CI

Synonym(s): 2-(2-Aminoethyl)pyridine



CAS Registry Number: 2706-56-1

Related CAS Registry Numbers(s): 24319-18-4 27953-09-9 28001-89-0 51943-26-1 64335-09-7 64335-10-0 64335-12-2 64335-18-8 67085-10-3 72683-60-4

Molecular Formula: C₇H₁₀N₂

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Boiling Point: Bp₁₂ 92-93°

pKa Value: pK_{a1} 9.75; pK_{a2} 3.78 (20°, H₂O)

Aldrich: A5530-6

Fluka: 6700

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 3343-39-3

Melting Point: Mp 189°

>>Derivative: Dipicrate

CAS Registry Number: 6628-61-1

Physical Description: Yellow needles (EtOH aq.)

Melting Point: Mp 223-224°

>>Derivative: N²-Ac

Synonym(s): N-[2-(2-Pyridyl)ethyl]acetamide, 9CI

CAS Registry Number: 6304-22-9

Molecular Formula: C₉H₁₂N₂O

Molecular Weight: 164.207

Accurate Mass: 164.094963

Percentage Composition: C 65.83%; H 7.37%; N 17.06%; O 9.74%

Boiling Point: Bp₁ 138-140°

>>Derivative: N²-Ac, picrate

Melting Point: Mp 164.8-165.8°

>>Derivative: N²-Phthalimido

Synonym(s): 2-[2-(2-Pyridyl)ethyl]-1*H*-isoindole-1,3(2*H*)-dione

CAS Registry Number: 17624-26-9

Molecular Formula: C₁₅H₁₂N₂O₂

Molecular Weight: 252.272

Accurate Mass: 252.089878

Percentage Composition: C 71.42%; H 4.79%; N 11.10%; O 12.68%

Melting Point: Mp 95-97° (CHCl₃/petrol)

>>Derivative: N²-Phthalimido; hydrochloride

Melting Point: Mp 214-215°