



>>Entry Name: **4-Amino-2-methylquinoline**

Synonym(s): 2-Methyl-4-quinolinamine, 9Cl. 4-Aminoquinaldine

CAS Registry Number: 6628-04-2

Molecular Formula: C₁₀H₁₀N₂

Molecular Weight: 158.202

Accurate Mass: 158.084398

Percentage Composition: C 75.92%; H 6.37%; N 17.71%

Physical Description: Cryst. C₆H₆/petrol

Melting Point: Mp 169-170°

Boiling Point: Bp 333°

pKa Value: pK_a 9.42 (20°)

Aldrich: A7900-0

Fluka: 7330

>>Derivative: Hydrochloride

Melting Point: Mp 346-347 dec.°

>>Derivative: *N*-Ac

CAS Registry Number: 52101-48-1

Molecular Formula: C₁₂H₁₂N₂O

Molecular Weight: 200.24

Accurate Mass: 200.094963

Percentage Composition: C 71.98%; H 6.04%; N 13.99%; O 7.99%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 162-164°

>>Derivative: *N*-Phenyl

Synonym(s): 4-Anilinoquinaldine

CAS Registry Number: 51336-03-9

Molecular Formula: C₁₆H₁₄N₂

Molecular Weight: 234.3

Accurate Mass: 234.115698

Percentage Composition: C 82.02%; H 6.02%; N 11.96%

Melting Point: Mp 250-251°

References: