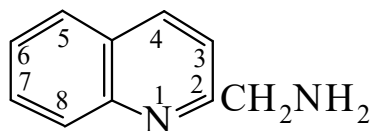




>>Entry Name: 2-(Aminomethyl)quinoline

Synonym(s): 2-Quinolinemethanamine, 9Cl



CAS Registry Number: 5760-20-3

Molecular Formula: C₁₀H₁₀N₂

Molecular Weight: 158.202

Accurate Mass: 158.084398

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

Boiling Point: Bp₇ 152°. Bp₂ 140-142°

Other Data: Bp also recorded as 104°/10 mm

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 18004-62-1

Physical Description: Yellow plates (EtOH/HCl)

Melting Point: Mp 245-246 dec.° (205°)

>>Derivative: N-Benzoyl

Molecular Formula: C₁₇H₁₄N₂O

Molecular Weight: 262.31

Accurate Mass: 262.110613

Percentage Composition: C 77.84%; H 5.38%; N 10.68%; O 6.10%

Melting Point: Mp 108°

References:

Nagata, M. *et al.*, *Yakugaku Zasshi*, 1963, **83**, 679; *CA*, **59**, 12812, (*deriv*)

Mndzhoyan, O.L., *CA*, 1968, **68**, 114395, (*synth*)