



>>Entry Name: **8-Amino-2-methylquinoline**

Synonym(s): 2-Methyl-8-quinolinamine, 9CI. 8-Aminoquinaldine

CAS Registry Number: 18978-78-4

Molecular Formula: $C_{10}H_{10}N_2$

Molecular Weight: 158.202

Accurate Mass: 158.084398

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

Physical Description: Cryst. (petrol)

Melting Point: Mp 56°

Other Data: Steam-volatile

Rare Chemicals Library: S45607-1

>>Derivative: *N*-Ac

CAS Registry Number: 61388-89-4

Molecular Formula: $C_{12}H_{12}N_2O$

Molecular Weight: 200.24

Accurate Mass: 200.094963

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

Melting Point: Mp 77-78° (68-70°)

References:

Roth, R. *et al.*, *Helv. Chim. Acta*, 1954, **37**, 90

Sen, A.K., *J. Indian Chem. Soc.*, 1957, **34**, 833, (*synth*)

Madija, K., *J. Prakt. Chem.*, 1962, **17**, 97, (*synth*)

Mullins, S.T. *et al.*, *J.C.S. Perkin I*, 1996, 75, (*synth*, *pmr*)

Belser, P. *et al.*, *Tetrahedron*, 1996, **52**, 2937-2944, (*synth*, *pmr*, *cmr*, *ms*)