



>>Entry Name: 5-Amino-6-nitroquinoline

Synonym(s): 6-Nitro-5-quinolinamine, 9CI

CAS Registry Number: 35975-00-9

Molecular Formula: $C_9H_7N_3O_2$

Molecular Weight: 189.173

Accurate Mass: 189.053827

Percentage Composition: C 57.14%; H 3.73%; N 22.21%; O 16.92%

Melting Point: Mp 287-288 subl.°

Aldrich: 14502-5

>>Derivative: *N*-Me

Molecular Formula: $C_{10}H_9N_3O_2$

Molecular Weight: 203.2

Accurate Mass: 203.069477

Percentage Composition: C 59.11%; H 4.46%; N 20.68%; O 15.75%

Physical Description: Orange needles

Melting Point: Mp 154-155°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 868C, (*ir*)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 744C, (*nmr*)

Huisgen, R., *Annalen*, 1948, **559**, 101

Hasegawa, M. *et al.*, *Yakugaku Zasshi*, 1973, **93**, 1019

Wozniak, M. *et al.*, *Annalen*, 1993, 823, (*deriv*)