



>>Entry Name: 4-Amino-3-nitroquinoline

Synonym(s): 3-Nitro-4-quinolinamine, 9CI

CAS Registry Number: 42606-33-7

Molecular Formula: C₉H₇N₃O₂

Molecular Weight: 189.173

Accurate Mass: 189.053827

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

Physical Description: Yellow cryst.

Melting Point: Mp 274-275° (261-262°)

>>Derivative: N-Me

Molecular Formula: C₁₀H₉N₃O₂

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 172-173°

References:

Albert, A. *et al.*, *J.C.S.*, 1948, 1284

Surrey, A.R. *et al.*, *J.A.C.S.*, 1951, **73**, 2413

Tondys, H. *et al.*, *J. Het. Chem.*, 1985, **22**, 353, (*synth, pmr*)

van Galen, P.J.M. *et al.*, *J. Med. Chem.*, 1991, **34**, 1202, (*synth*)

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