



>>Entry Name: 4-Amino-2-nitropyridine

Synonym(s): 2-Nitro-4-pyridinamine, 9CI

CAS Registry Number: 14916-64-4

Molecular Formula: C₅H₅N₃O₂

Molecular Weight: 139.113

Accurate Mass: 139.038177

Percentage Composition: C 43.17%; H 3.62%; N 30.21%; O 23.00%

Physical Description: Cryst. (EtOH or EtOAc)

Melting Point: Mp 199-201°

Boiling Point: Subl.₅ 190-200°

>>Derivative: 4-*N*-Me

CAS Registry Number: 221636-00-6

Molecular Formula: C₆H₇N₃O₂

Molecular Weight: 153.14

Accurate Mass: 153.053827

Percentage Composition: C 47.06%; H 4.61%; N 27.44%; O 20.90%

Physical Description: Orange needles (hexane)

Melting Point: Mp 108°

References:

Shkurko, O.P. *et al.*, *Khim. Geterotsikl. Soedin.*, 1990, 54-59; *Chem. Heterocycl. Compd. (Engl. Transl.)*, 1990, 47-52, (*synth, ir, pmr*)

Szpakiewicz, B. *et al.*, *J. Prakt. Chem.*, 1999, **341**, 75-78, (*4-N-Me*)