



>>Entry Name: 3-Nitrobenzylamine

Synonym(s): 3-Nitrobenzenemethanamine, 9Cl. 1-Aminomethyl-3-nitrobenzene

CAS Registry Number: 7409-18-9

Molecular Formula: $C_7H_8N_2O_2$

Molecular Weight: 152.152

Accurate Mass: 152.058578

Percentage Composition: C 55.26%; H 5.30%; N 18.41%; O 21.03%

Physical Description: Liq.

Boiling Point: $Bp_{0.5}$ 116°

>>Derivative: Hydrochloride

CAS Registry Number: 26177-43-5

Melting Point: Mp 224°

Aldrich: 19166-3

>>Derivative: N-Ac

Molecular Formula: $C_9H_{10}N_2O_3$

Molecular Weight: 194.19

Accurate Mass: 194.069143

Percentage Composition: C 55.67%; H 5.19%; N 14.43%; O 24.72%

Physical Description: Needles

Melting Point: Mp 91°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1337C, (*ir*)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 1137B, (*nmr*)

Graymore, J., *J.C.S.*, 1947, 1116, (*synth*)

Blackwell, L.F., *J.C.S.*, 1964, 3588, (*synth*)