



>>Entry Name: 5-Aminoindazole

Synonym(s): 1*H*-Indazol-5-amine, 9CI

CAS Registry Number: 19335-11-6

Molecular Formula: C₇H₇N₃

Molecular Weight: 133.152

Accurate Mass: 133.063997

Percentage Composition: C 63.14%; H 5.30%; N 31.56%

Melting Point: Mp 183°

pKa Value: p*K*_a 5.21 (25°)

Hazard & Toxicity: LD₅₀ (mus, orl) 200 mg/kg

Aldrich: A5955-7

>>Derivative: 5-*N*-Ac

Molecular Formula: C₉H₉N₃O

Molecular Weight: 175.19

Accurate Mass: 175.074562

Percentage Composition: C 61.70%; H 5.18%; N 23.99%; O 9.13%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 165°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 176A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 686C, (*ir*)

Davies, R.R., *J.C.S.*, 1955, 2412

Primc, J. *et al.*, *J. Het. Chem.*, 1976, **13**, 899, (*synth*)