



->Entry Name: 5-Aminobenzimidazole
Synonym(s): 1H-Benzimidazol-5-amine, uci
CAS Registry Number: 934-22-5

Molecular Formula: C₇H₆N₂
Molecular Weight: 133.132
Accurate Mass: 133.063997
Percentage Composition: C 63.14%; H 5.30%; N 31.56%
Melting Point: Mp 166.5-167°

->Derivative: Hydrochloride (1:2)

CAS Registry Number: 55299-95-1
Melting Point: Mp 290°

->Derivative: Dipicrate

Melting Point: Mp 197-198°

References:
Van der Want, G.M., *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1948, **67**, 45, (synth)
Stähle, M., *Helv. Chim. Acta*, 1949, **32**, 135-145, (synth)
Bapat, D.G. *et al.*, *Indian J. Chem.*, 1965, **3**, 81, (synth)
Blackburn, B.J. *et al.*, *Can. J. Chem.*, 1982, **60**, 2987, (cmr)
El Khel, A. *et al.*, *Synth. Commun.*, 1999, **29**, 2435-2445, (synth, pmr, cmr)