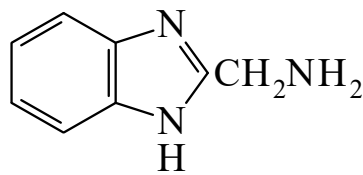




>>Entry Name: 2-(Aminomethyl)benzimidazole

Synonym(s): 1H-Benzimidazole-2-methanamine



CAS Registry Number: 5805-57-2

Related CAS Registry Numbers(s): 5993-91-9

Molecular Formula: C₈H₉N₃

Molecular Weight: 147.179

Accurate Mass: 147.079647

Percentage Composition: C 65.29%; H 6.16%; N 28.55%

Melting Point: Mp 48-51°

>>Derivative: Hydrochloride

CAS Registry Number: 7757-21-3

Melting Point: Mp 227-229°

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 5993-91-9

Physical Description: Needles (EtOAc)

Melting Point: Mp 268-270 dec.°

Aldrich: 16563-8

References:

Cescon, L.A. *et al.*, *J.O.C.*, 1962, **27**, 581, (*synth, ir*)

Kanaoka, Y. *et al.*, *Chem. Pharm. Bull.*, 1969, **17**, 2381, (*synth, uv*)

Aminabhavi, T.M. *et al.*, *Inorg. Chim. Acta*, 1986, **125**, 125

Reddy, B.S. *et al.*, *J. Indian Chem. Soc.*, 1988, **65**, 853, (*synth, ir, pmr, ms*)