



>>Entry Name: 2-(Aminomethyl)imidazole

Synonym(s): 1*H*-Imidazole-2-methanamine, 9CI

CAS Registry Number: 53332-80-2

Molecular Formula: C₄H₇N₃

Molecular Weight: 97.119

Accurate Mass: 97.063997

Percentage Composition: C 49.47%; H 7.26%; N 43.27%

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 22600-77-7

Physical Description: Cryst. (MeOH/Et₂O or 2-propanol aq.)

Melting Point: Mp 256-258° (240-242°)

>>Derivative: *N,N*-Di-Me

CAS Registry Number: 54534-78-0

Molecular Formula: C₆H₁₁N₃

Molecular Weight: 125.173

Accurate Mass: 125.095297

Percentage Composition: C 57.57%; H 8.86%; N 33.57%

Physical Description: Cryst.

Melting Point: Mp 63-65°

References:

Gebert, U. *et al.*, *Annalen*, 1968, **718**, 249, (*synth, pmr*)

Godefroi, E.F. *et al.*, *J.O.C.*, 1978, **43**, 1603, (*synth*)

Schunack, W. *et al.*, *J. Het. Chem.*, 1984, **21**, 753, (*synth*)