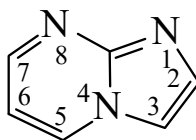




>>Entry Name: Imidazo[1,2-*a*]pyrimidine, 9Cl

Synonym(s): 8-Azapyrimidazole. 1,3*a*,7-Triazaindene



CAS Registry Number: 274-95-3

Molecular Formula: C₆H₅N₃

Molecular Weight: 119.126

Accurate Mass: 119.048347

Percentage Composition: C 60.50%; H 4.23%; N 35.27%

Physical Description: Cryst. by subl.

Melting Point: Mp 129-130°. Mp 217-218.5°

Other Data: Two widely differing Mp's given in the lit. with no apparent explanation

>>Derivative: Hydrochloride

Melting Point: Mp 231-232°

>>Derivative: *N*¹-Me, iodide

Melting Point: Mp 237-238.5°

References:

Armarego, W. *et al.*, *J.C.S.*, 1965, 2778, (*synth, uv*)

Paudler, W.W. *et al.*, *J.O.C.*, 1966, **31**, 809

Pugmire, R.J. *et al.*, *J.A.C.S.*, 1971, **93**, 1887, (*pmr, cmr*)

Pugmire, R.J. *et al.*, *J. Het. Chem.*, 1987, **24**, 805, (*cmr*)

Rival, Y. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 1170, (*synth*)