



>>Entry Name: 6-Aminoquinoxaline

Synonym(s): 6-Quinoxalinamine, 9Cl

CAS Registry Number: 6298-37-9

Molecular Formula: C₈H₇N₃

Molecular Weight: 145.163

Accurate Mass: 145.063997

Percentage Composition: C 66.19%; H 4.86%; N 28.95%

Physical Description: Yellow cryst. (Et₂O or C₆H₆)

Melting Point: Mp 159°

pKa Value: pK_a 2.92 (20°)

>>Derivative: Hydrochloride

Physical Description: Brownish-red cryst. with green lustre

Melting Point: Mp 215 dec.°

>>Derivative: *N*-(4-Methylbenzenesulfonyl)

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 182-183°

References:

Case, F.H. *et al.*, *J.A.C.S.*, 1959, **81**, 6297, (*synth*)

Sherif, S. *et al.*, *J. Prakt. Chem.*, 1972, **314**, 15, (*synth*)

Hayes, R. *et al.*, *Tetrahedron*, 1990, **46**, 2089, (*synth, ir, pmr*)