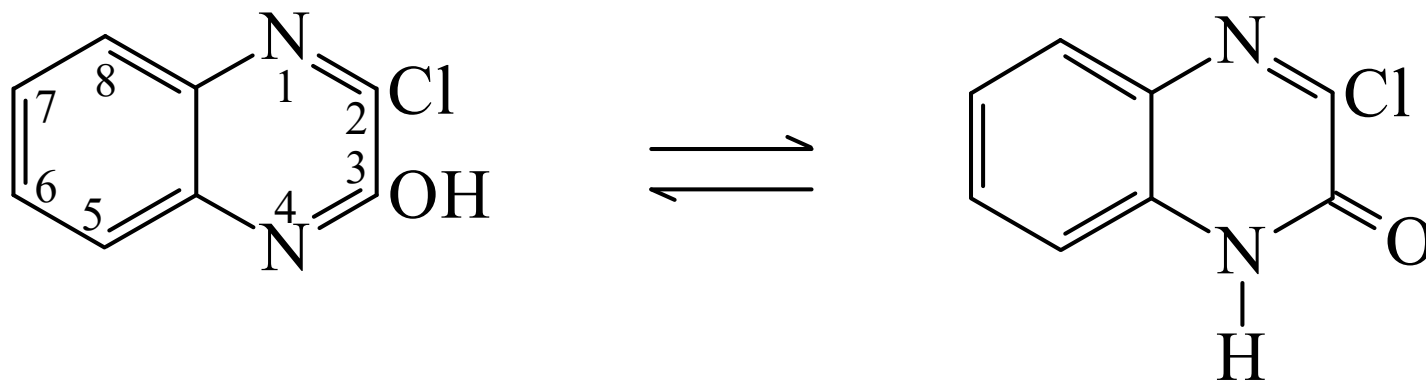




>>Entry Name: 2-Chloro-3-hydroxyquinoxaline

Synonym(s): 3-Chloro-2(1*H*)-quinoxalinone, 9Cl. 3-Chloro-2-quinoxalinol, 8Cl



CAS Registry Number: 34117-93-6

Related CAS Registry Numbers(s): 35676-70-1

Molecular Formula: C₈H₅ClN₂O

Molecular Weight: 180.593

Accurate Mass: 180.00904

Percentage Composition: C 53.21%; H 2.79%; Cl 19.63%; N 15.51%; O 8.86%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 322-324°

>>Derivative: *O*-Me

Synonym(s): 2-Chloro-3-methoxyquinoxaline, 9Cl

CAS Registry Number: 32998-25-7

Molecular Formula: C₉H₇ClN₂O

Molecular Weight: 194.62

Accurate Mass: 194.02469

Percentage Composition: C 55.54%; H 3.63%; Cl 18.22%; N 14.39%; O 8.22%

>>Derivative: *N*-Me

Synonym(s): 3-Chloro-1-methyl-2(1*H*)-quinoxalinone, 9Cl

CAS Registry Number: 55687-06-4

Molecular Formula: C₉H₇ClN₂O

Molecular Weight: 194.62

Accurate Mass: 194.02469

Percentage Composition: C 55.54%; H 3.63%; Cl 18.22%; N 14.39%; O 8.22%

Melting Point: Mp 129-130°

References:

Ahmad, Y. *et al.*, *J.O.C.*, 1973, **38**, 2176, (*synth*)

Lumma, W.C. *et al.*, *J. Med. Chem.*, 1981, **24**, 93, (*deriv*)