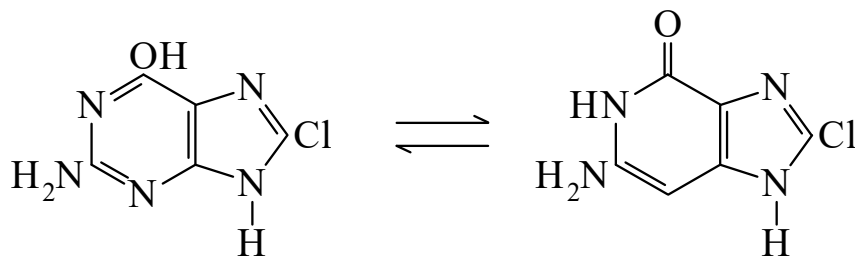




>>Entry Name: 2-Amino-8-chloro-6-hydroxypurine

Synonym(s): 8-Chloroguanine, 8Cl. 2-Amino-8-chloro-1,7-dihydro-6*H*-purin-6-one, 9Cl



CAS Registry Number: 22052-03-5

Molecular Formula: C₅H₄ClN₅O

Molecular Weight: 185.572

Accurate Mass: 185.010437

Percentage Composition: C 32.36%; H 2.17%; Cl 19.10%; N 37.74%; O 8.62%

>>Derivative: Hydrochloride

CAS Registry Number: 34618-09-2

Physical Description: Cryst. (2*M* HCl)

>>Derivative: 9-β-D-Ribofuranosyl
see 8-Chloroguanosine, [GQP72-N](#)

References:

Wölcke, U. *et al.*, *Tet. Lett.*, 1969, 785, (*synth*)

Birdsall, N.J.M. *et al.*, *Tetrahedron*, 1971, **27**, 5969, (*synth*)

Ryu, E.K. *et al.*, *J.O.C.*, 1981, **46**, 2819, (*synth*)