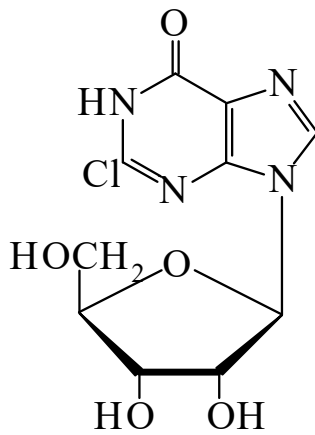




>>Entry Name: 2-Chloro-9-β-D-ribofuranosyl-6H-purin-6-one

Synonym(s): 2-Chloroinosine, 9Cl



CAS Registry Number: 13276-43-2

Molecular Formula: C₁₀H₁₁ClN₄O₅

Molecular Weight: 302.673

Accurate Mass: 302.041798

Percentage Composition: C 39.68%; H 3.66%; Cl 11.71%; N 18.51%; O 26.43%

Source/Synthesis: Prod. by *Bacillus subtilis* in medium containing 2-chlorohypoxanthine

Physical Description: Cryst. (H₂O)

Melting Point: Mp 123°

References:

Gerster, J.F. *et al.*, *J.O.C.*, 1966, **31**, 3258, (*synth*)

Imai, K. *et al.*, *Chem. Pharm. Bull.*, 1966, **14**, 1377, (*synth*)

Yamanoi, A. *et al.*, *J. Gen. Appl. Microbiol.*, 1966, **12**, 299, (*isol*)

Yamazaki, A. *et al.*, *Chem. Pharm. Bull.*, 1969, **17**, 2581, (*synth*)