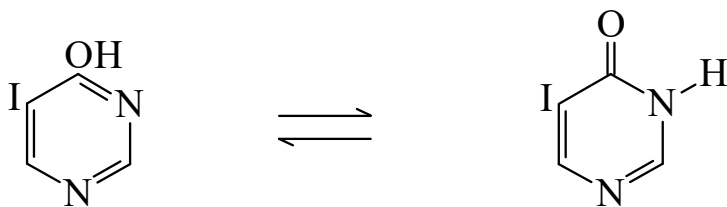




>>Entry Name: 4-Hydroxy-5-iodopyrimidine

Synonym(s): 5-Iodo-4(1*H*)-pyrimidinone, gCl. 5-Iodo-4(3*H*)-pyrimidinone. 5-Iodo-4-pyrimidinol



CAS Registry Number: 4349-07-9

Molecular Formula: C₄H₃IN₂O

Molecular Weight: 221.985

Accurate Mass: 221.929011

Percentage Composition: C 21.64%; H 1.36%; I 57.17%; N 12.62%; O 7.21%

Physical Description: Scales (H₂O)

Melting Point: Mp 254-256°

>>Derivative: Me ether

Synonym(s): 5-Iodo-4-methoxypyrimidine

Molecular Formula: C₅H₅IN₂O

Molecular Weight: 236.012

Accurate Mass: 235.944661

Percentage Composition: C 25.45%; H 2.14%; I 53.77%; N 11.87%; O 6.78%

Physical Description: Needles (hexane)

Melting Point: Mp 88-89°

References:

Budesinsky, Z. *et al.*, *Coll. Czech. Chem. Comm.*, 1962, **27**, 2550, (*synth*)

Sakamoto, T. *et al.*, *Chem. Pharm. Bull.*, 1986, **34**, 2719, (*synth, pmr, ir*)

Vaillancourt, L. *et al.*, *J.O.C.*, 1998, **63**, 9746-9752, (*Me ether, synth, pmr, cmr*)