



>>Entry Name: 6-Iodo-2,4-pyrimidinediol

Synonym(s): 6-Iodo-2,4(1*H*,3*H*)-pyrimidinedione, 9Cl. 6-Iodo-2,4-dihydroxypyrimidine. 6-Iodouracil

CAS Registry Number: 4269-94-7

Molecular Formula: C₄H₃IN₂O₂

Molecular Weight: 237.984

Accurate Mass: 237.923926

Percentage Composition: C 20.19%; H 1.27%; I 53.32%; N 11.77%; O 13.45%

Physical Description: Prisms (EtOH)

Melting Point: Mp 279-280 dec.°

Aldrich: 41416-6

>>Derivative: 1,3-Di-Me

Synonym(s): 6-Iodo-1,3-dimethyluracil

CAS Registry Number: 21428-19-3

Molecular Formula: C₆H₇IN₂O₂

Molecular Weight: 266.038

Accurate Mass: 265.955226

Percentage Composition: C 27.09%; H 2.65%; I 47.70%; N 10.53%; O 12.03%

Melting Point: Mp 174°

References:

Horwitz, J.P. *et al.*, *J.O.C.*, 1961, **26**, 3392, (*synth*, *uv*)

Brown, D.J. *et al.*, *Aust. J. Chem.*, 1973, **26**, 443, (*synth*)

Saito, I. *et al.*, *J.O.C.*, 1986, **51**, 5148, (*deriv*, *synth*, *pmr*, *uv*, *ir*)