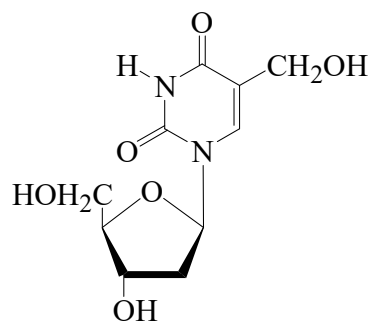




>>Entry Name: 2'-Deoxy-5-hydroxymethyluridine, 8Cl

Synonym(s): α -Hydroxythymidine, 9Cl. 1-(β -D-*erythro*-2-Deoxypentofuranosyl)-5-hydroxymethyl-1*H*-pyrimidine-2,4-dione



CAS Registry Number: 5116-24-5

Molecular Formula: C₁₀H₁₄N₂O₆

Molecular Weight: 258.23

Accurate Mass: 258.085188

Percentage Composition: C 46.51%; H 5.46%; N 10.85%; O 37.17%

Physical Description: Prisms (CHCl₃/EtOH)

Melting Point: Mp 179-180°

References:

Cline, R.E. *et al.*, *J.A.C.S.*, 1959, **81**, 2521-2527, (*synth*)

Emerson, J.R. *et al.*, *Biochemistry*, 1967, **6**, 843-850, (*conformn, ord*)

Shiau, G.T. *et al.*, *J. Med. Chem.*, 1980, **23**, 127-133, (*synth, uv, pmr*)

Shaw, A.A. *et al.*, *J.C.S. Perkin 2*, 1990, 2063-2070, (*synth*)