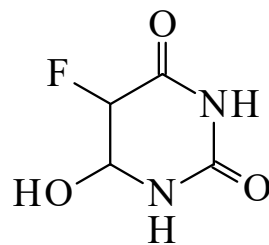




>>Entry Name: 5-Fluoro-5,6-dihydro-6-hydroxy-2,4(1*H*,3*H*)-pyrimidinedione, 9Cl

Synonym(s): 5-Fluoro-6-hydroxyhydrouracil



CAS Registry Number: 37103-91-6

Related CAS Registry Numbers(s): 93713-25-8 93713-26-9

Molecular Formula: C₄H₅FN₂O₃

Molecular Weight: 148.093

Accurate Mass: 148.028421

Percentage Composition: C 32.44%; H 3.40%; F 12.83%; N 18.92%; O 32.41%

Melting Point: Mp 183-184°. Mp 279° (double Mp)

Other Data: CAS no. refers to the dione form

References:

Homer, A., *Biochemistry*, 1964, **3**, 1844, (*synth, uv, ir*)

Miyashita, O. *et al.*, *Chem. Pharm. Bull.*, 1981, **29**, 3181, (*synth, pmr*)

Visser, G.W.M., *J.C.S. Perkin I*, 1988, 1203, (*synth, pmr*)