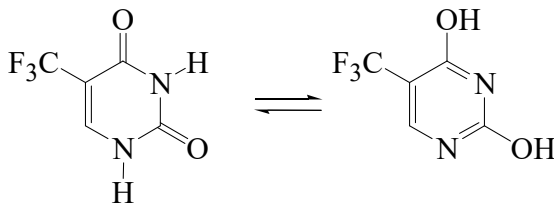




>>Entry Name: 5-(Trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione, 9Cl

Synonym(s): 5-(Trifluoromethyl)uracil, 8Cl. 2,4-Dihydroxy-5-(trifluoromethyl)pyrimidine. Trifluorothymine



CAS Registry Number: 54-20-6

Molecular Formula: C₅H₃F₃N₂O₂

Molecular Weight: 180.086

Accurate Mass: 180.014662

Percentage Composition: C 33.35%; H 1.68%; F 31.65%; N 15.56%; O 17.77%

Physical Description: Needles (H₂O)

Melting Point: Mp 247-249° (239-241°)

UV: [acid] λ_{max} 257 (ε 8150) (pH 1)

References:

Heidelberger, C. *et al.*, *J. Med. Chem.*, 1964, **7**, 1-5, (*synth, uv*)

Mertes, M.P. *et al.*, *J. Med. Chem.*, 1966, **9**, 876-881, (*synth, uv*)