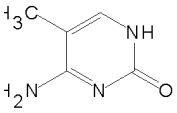

Formula: C5H7N3O

MW: 125.13

Salt: HCl

CAS: 58366-64-6

MDL: MFCD00233537

TNP: TNP00626

4-AMINO-2-HYDROXY-5-METHYLPYRIMIDINE;
4-AMINO-2-HYDROXY-5-METHYLPYRIMIDINE HYDROCHLORIDE; 5-METHYLCYTOSINE HYDROCHLORIDE; 4-amino-5-methyl-1H-pyrimidin-2-one hydrochloride;
5-METHYLCYTOSINE HCL; 5-METHYLCYTOSINE HYDROCHLORIDE 98%; 5-Methylcytosine hydrochloride

LogP: 4.46

LogS: -5.23

Acceptors: 1

Donors: 3

Rotation Bonds: 0

Chiral Centers: 0

N+O: 4

LIPINSKY: 4

Info: Crystalline. Occurs in nucleic acid obtained from tubercle bacillus.

IUPAC: 6-amino-5-methyl-3-hydropyrimidin-2-one

Smiles: n1c(c(c[nH]c1=O)C)N

Specification: Nucleotides and Nucleosides; Pyrimidines; Biochemistry; Nucleobases and their analogs; Nucleosides, Nucleotides & Related Reagents; Nucleic acids; Bases & Related Reagents; Nucleotides 5-METHYLCYTOSINE HYDROCHLORIDE Chemical Properties:

 mp 293-295C effervescence storage temp. Store at RT. CAS DataBase Reference58366-64-6(CAS DataBase Reference) Safety Information WGK Germany 3 5-METHYLCYTOSINE HYDROCHLORIDE Usage And Synthesis Chemical Properties:

Crystalline 5-METHYLCYTOSINE HYDROCHLORIDE