



Formula: C₁₀H₁₄N₂O₄

MW: 226.23

CAS: 3458-14-8

MDL: MFCD03225405

TNP:

5'-DEOXYTHYMIDINE; 2',5'-dideoxythymidine;
1-[(2R,4S,5R)-4-hydroxy-5-methyl-oxolan-2-yl]-5-methyl-pyrimidine-2,4-dione;
1-[(2R,4S,5R)-4-hydroxy-5-methyloxolan-2-yl]-5-methylpyrimidine-2,4-dione;
1-[(2R,4S,5R)-4-hydroxy-5-methyl-tetrahydrofuran-2-yl]-5-methyl-



LogP: 0.4

LogS: -3.37

Acceptors: 4

Donors: 2

Rotation Bonds: 2

Chiral Centers: 3

N+O: 6

LIPINSKY: 4

IUPAC: 1-(4-hydroxy-5-methyloxolan-2-yl)-5-methyl-1,3-dihydropyrimidine-2,4-dione

Smiles: c1n(cc(c([nH]1)=O)C)C1OC(C(C1)O)C=O

Specification: Heterocyclic Compounds 5'-DEOXYTHYMIDINE Chemical Properties:

mp 192-193 C(lit.) storage temp. -20C Safety Information WGK Germany 3
5'-DEOXYTHYMIDINE Usage And Synthesis 5'-DEOXYTHYMIDINE