



Formula: C₁₀H₁₆N₂O₅

MW: 244.25

CAS: 5627-00-9

MDL: MFCD04221161

TNP:

5,6-DIHYDROTHYMIDINE;

1-[(2R,4S,5R)-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-5-methyl-1,3-diazinane-2,4-dione;

1-[(2R,4S,5R)-4-hydroxy-5-methylol-tetrahydrofuran-2-yl]-5-methyl-5,6-dihydrouracil



LogP: 0.12

LogS: -4.01

Acceptors: 5

Donors: 3

Rotation Bonds: 4

Chiral Centers: 4

N+O: 7

LIPINSKY: 4

Info: Nucleoside analog

IUPAC: 1-[4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-5-methyl-1,3,5,6-tetrahydropyrimidine-2,4-dione

Smiles: N1(C(NC(C(C1)C)=O)=O)C1OC(CO)C(C1)O

Specification: 5,6-DIHYDROTHYMIDINE Chemical Properties:

storage temp. -20C Safety Information WGK Germany 3 5,6-DIHYDROTHYMIDINE Usage
And Synthesis 5,6-DIHYDROTHYMIDINE