



Formula: C₁₀H₁₅N₃O₅

MW: 257.25

CAS: 2140-72-9

MDL: MFCD04221294

TNP:

2'-O-METHYLCYTIDINE; 2'-O-Methylcytidineanhydrous; 2'-O-Methyl-D-cytidine;
2''-(O-METHYL)-CYTIDINE, HPLC PURIFIED, 98% PURE WITH HPLC UV
CHROMATOGRAM; 2'-O-Methylcytidine;
4-amino-1-((2R,3R,4R,5R)-4-hydroxy-5-(hydroxymethyl)-3-methoxytetrahydrofuran-2-yl)pyrim



LogP: 2.29

LogS: -3.92

Acceptors: 5

Donors: 4

Rotation Bonds: 5

Chiral Centers: 4

N+O: 8

LIPINSKY: 4

Info: Nucleoside analog

IUPAC: 6-amino-3-[4-hydroxy-5-(hydroxymethyl)-3-methoxyoxolan-2-yl]-3-hydropyrimidin-2-one

Smiles: n1(C2C(C(O)C(O2)CO)OC)c(nc(cc1)N)=O

Specification: Biochemicals and Reagents; Nucleoside Analogs; Nucleosides, Nucleotides, Oligonucleotides 2'-O-Methylcytidine Chemical Properties:

mp 252-253 C storage temp. -20C CAS DataBase Reference 2140-72-9 (CAS DataBase Reference) Safety Information Hazard Codes Xi Risk Statements 36/37/38 Safety Statements 26-36 WGK Germany 3 2'-O-Methylcytidine Usage And Synthesis 2'-O-Methylcytidine