



Formula: C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>

MW: 284.27

CAS: 362-43-6

MDL: MFCD00063879

TNP: TNP00483

Uridine 2',3'-acetonide; Uridine, 2',3'-O-(1-methylethylidene)-; Uridine, 2',3'-O-isopropylidene-; 2',3'-ISOPROPYLIDENEURIDENE; 2,3-ISOPROPYLIDENE URIDINE; 2',3'-ISOPROPYLIDENEURIDINE; 2',3'-IPU; 2',3'-O-ISOPROPYLIDENEURIDINE



LogP: 13.03

LogS: -9.43

Acceptors: 6

Donors: 2

Rotation Bonds: 1

Chiral Centers: 4

N+O: 8

LIPINSKY: 3

Info: Nucleoside analog

IUPAC: 1-[(1R,2R,4R,5R)-4-(hydroxymethyl)-7,7-dimethyl-3,6,8-trioxabicyclo[3.3.0]oct-2-yl]-1,3-dihydropyrimidine-2,4-dione

Smiles: O1[C@@H](n2c(=O)[nH]c(cc2)=O)[C@H]2[C@@H]([C@H]1CO)OC(O2)(C)C

Specification: API intermediates; Bases & Related Reagents; Nucleotides; Biochemicals and Reagents; Nucleoside Analogs; Nucleosides, Nucleotides, Oligonucleotides  
2',3'-O-ISOPROPYLIDENEURIDINE Chemical Properties:

mp 163-166 C storage temp. -20C BRN 32671 CAS DataBase Reference 362-43-6 (CAS DataBase Reference) Safety 24/25 WGK Germany 3 2',3'-O-ISOPROPYLIDENEURIDINE Usage And Synthesis Chemical Properties:

White Needle-Like Crystals Usage A useful precursor for the preparation of nucleic acids  
2',3'-O-ISOPROPYLIDENEURIDINE