



Formula: C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>5</sub>

MW: 226.19

CAS: 3736-77-4

MDL:

TNP:

O2,2'-CYCLOURIDINE; 2,2'-ANHYDRO-1(BETA-D-ARABINOFURANOSYL)URACIL;  
2,2'-ANHYDROURIDINE; 2, 2'-ANHYDRO-1-(B-D-ARABINOFURANOSYL) URACIL;  
2,2'-Cyclouridine; BETA-D-O(2),2'-CYCLOURIDINE; O2,2-Cyclouridine;  
[2R-(2alpha,3beta,3abeta,9abeta)]-2,3,3a,9a-tetrahydro-3-hydr



LogP: 3.41

LogS: -4.19

Acceptors: 5

Donors: 2

Rotation Bonds: 1

Chiral Centers: 4

N+O: 7

LIPINSKY: 4

IUPAC: (3aS,2R,3R,9aR)-3-hydroxy-2-(hydroxymethyl)-9-hydro-2H,3H-oxolano[2,3-d]pyrimidino[2,1-b]1,3-oxazolidin-6-one

Smiles: c12n(C3OC(CO)[C@H](C3O2)O)ccc(n1)=O

Specification: Heterocyclic Compounds; Biochemistry; Nucleosides and their analogs; Nucleosides, Nucleotides & Related Reagents; Building Blocks; Heterocyclic Building Blocks; Pyrimidines 2,2'-Cyclouridine Chemical Properties:

mp 248-251 C(lit.) refractive index -20 (C=4, H<sub>2</sub>O) storage temp. Store at RT. Safety Information WGK Germany 3 2,2'-Cyclouridine Usage And Synthesis 2,2'-Cyclouridine