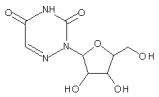

Formula: C8H11N3O6

MW: 245.19

CAS: 54-25-1

TNP NUMBER: TNP00475

MDL NUMBER: MFCD01099679

IUPAC: 2-[3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-4H-1,2,4-triazine-3,5-dione

Smiles: n1(C2C(C(O)C(O2)CO)O)c([nH]c(cn1)=O)=O

Nucleoside Analog; Biosynthesis by e.coli in the presence of 6-azauracile

THERAPEUTIC CATEGORY: Base as neoplastic; triacetate as antipsoriatic

ACCEPTORS: 6

DONORS: 4

ROTATION BONDS: 5

N+O: 9

Chiral Centers: 4

LogP: -4.5

LogS: -1.33

LIPINSKI: 4

Synonyms: AZAURIDINE, 6-;6-AZA-2,4-DIHYDROXYPYRIMIDINE RIBOSIDE;6-AZAURIDINE MONOHYDRATE;6-AZAURACIL RIBOSIDE;6-AZAURACIL RIBOSIDE MONOHYDRATE;6-AZAURIDINE;2-BETA-D-RIBOFURANOSYL-1,2,4-TRIAZINE-3,5(2H,4H)-DIONE;2-beta-d-ribofuranosyl-1,2,4-triazin-3,5(2h,4h)-dion

CAS:54-25-1

MF:C8H11N3O6

MW:245.19

EINECS:200-199-6

Product Categories:Pyridines, Pyrimidines, Purines and Pteredines;Biochemistry;Nucleosides and their analogs;Nucleosides, Nucleotides & Related Reagents;Antibiotic Explorer 6-AZAURIDINE

Chemical Properties:  mp 157-159 C(lit.) storage temp. 2-8C Merck 904

CAS DataBase Reference: 54-25-1(

CAS DataBase Reference: )  Xn Risk Statements 20/21/22-40 Safety Statements 22-36 WGK Germany 3 RTECS XY8575000  6-AZAURIDINE

Usage And Synthesis:  6-AZAURIDINE