



Formula: C<sub>9</sub>H<sub>11</sub>IN<sub>2</sub>O<sub>5</sub>

MW: 354.1

CAS: 54-42-2

MDL: MFCD04220723

TNP:

DENDRID; EMANIL; IDU; IDOXURIDINE; IUDR; 2'-DEOXY-5-IODOURIDINE;  
1-(2-DEOXY-BETA-D-RIBOFURANOSYL)-5-IODOURACIL; 5-iodo-2'-deoxy-d-uridine



LogP: 9.19

LogS: -6.58

Acceptors: 5

Donors: 3

Rotation Bonds: 2

Chiral Centers: 3

N+O: 7

LIPINSKY: 3

IUPAC: 3-[(4S,2R,5R)-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-hydroxy-5-iodo-3-hydro  
pyrimidin-2-one

Smiles: C([C@H]1OC([n@]2c(nc(c(c2)I)O)=O)C[C@@H]1O)O

Specification: Amino Acids; Heterocyclic Compounds; Antivirals for Research and Experimental Use; Biochemistry; Chemical Reagents for Pharmacology Research; Nucleosides and their

analog; Nucleosides, Nucleotides & Related Reagents; Bases & Related Reagents;  
Intermediates & Fine Chemicals; Nucleotides; Pharmaceuticals (+)-5-iodo-2'-deoxyuridine  
Chemical Properties:

mp 194 C(lit.) alpha 280