



Formula: C₉H₁₁BrN₂O₅

MW: 307.1

CAS: 59-14-3

MDL: MFCD01313083

TNP: TNP00500

5-BROMO-1-(2-DEOXY-BETA-D-RIBOFURANOSYL)URACIL; 5-BRDU; 5-BROMO DEOXYURIDINE; 5-BROMO-2'-DESOXYURIDINE; (+)-5-BROMO-2'-DEOXYURIDINE; 5-BROMO-2'-DEOXYURIDINE; 2'-DEOXY-5-BROMOURIDINE; 2'-DEOXY-5-BROMOURIDINE



LogP: -7.36

LogS: -0.67

Acceptors: 5

Donors: 3

Rotation Bonds: 1

Chiral Centers: 3

N+O: 7

LIPINSKY: 4

Info: Nucleoside analog

IUPAC: 1-[(4S,2R,5R)-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-5-bromo-1,3-dihydropyrimidine-2,4-dione

Smiles: C1[C@@H]([C@@H](CO)O[C@H]1n1c([nH]c(c1)Br)=O)=O

Specification: Pharmaceutical Raw Materials; Biochemistry; Chemical Reagents for Pharmacology Research; Nucleosides and their analogs; Nucleosides, Nucleotides & Related Reagents; Naphthyridine, Quinoline; Bases & Related Reagents; Drug Analogues; Nucleotides
Broxuridine Chemical Properties:

mp 191-194 C (dec.)(lit.) alpha 31