

Product Information

2',3'-Dideoxyuridine

Cat. No.: X24-03-LY640

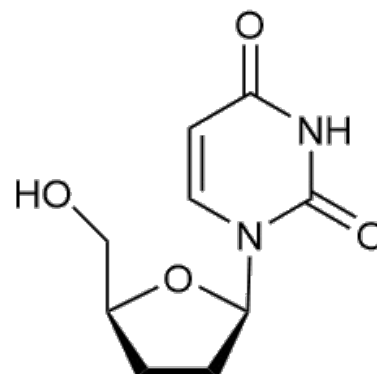
Size: 100 mg; 500 mg; 1 g; 25 g; 50 g; 100 g

MDL: MFCD00013359

CAS Number: 5983-09-5

Compound CID: 65161

This product is for research use only and is not intended for diagnostic use.



Product Information

| | |
|--------------------------|---|
| Description | 2',3'-Dideoxyuridine is an inactive nucleoside analog. |
| Molecular Weight | 212.20 |
| Molecular Formula | C ₉ H ₁₂ N ₂ O ₄ |
| IUPAC Name | 1-[(2R,5S)-5-(Hydroxymethyl)oxolan-2-yl]pyrimidine-2,4-dione |
| InChI | InChI=1S/C9H12N2O4/c12-5-6-1-2-8(15-6)11-4-3-7(13)10-9(11)14/h3-4,6,8,12H,1-2,5H2,(H,10,13,14)/t6-,8+/m0/s1 |
| InChI Key | BTOTXLJHDSNXMW-POYBYMJQSA-N |
| Canonical SMILES | C1CC(OC1CO)N2C=CC(=O)NC2=O |
| Isomeric SMILES | C1C[C@@H](O[C@@H]1CO)N2C=CC(=O)NC2=O |
| Form | Solid |
| Purity | ≥97% |
| Applications | 2',3'-Dideoxyuridine is used to study nucleic acid synthesis and metabolism. |
| Storage | Store at -20°C. |