

## Product Information

### 3'-Deoxy-3'-fluorouridine

**Cat. No.:** X24-03-LY682

**Size:** 1 g; 5 g; 10 g; 25 g

**CAS Number:** 57944-13-5

**Compound CID:** 451602

**Synonym:** 57944-13-5; 3'-Fluoro-3'-deoxyuridine; Uridine, 3'-deoxy-3'-fluoro-;

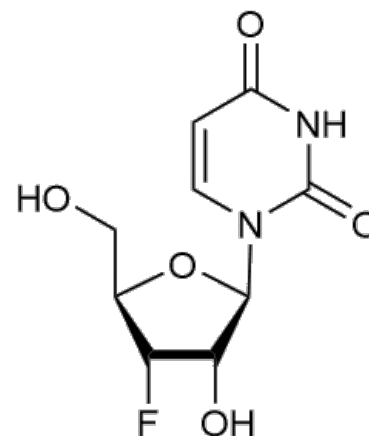
1-[(2*R*,3*S*,4*S*,5*R*

)-4-Fluoro-3-hydroxy-5-(hydroxymethyl)oxolan-2-yl]pyrimidine-2,4-dione;

1-((2*R*,3*S*,4*S*,5*R*

)-4-Fluoro

-3-hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl]pyrimidine-2,4-(1*H*,3*H*)-dione



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

#### Product Information

<b>Description</b>	3'-Deoxy-3'-fluorouridine is a nucleoside analog with antitumor activity.
<b>Molecular Weight</b>	246.19
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>5</sub>
<b>IUPAC Name</b>	1-[(2 <i>R</i> ,3 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> )-4-Fluoro-3-hydroxy-5-(hydroxymethyl)oxolan-2-yl]pyrimidine-2,4-dione
<b>InChI</b>	InChI=1S/C9H11FN2O5/c10-6-4(3-13)17-8(7(6)15)12-2-1-5(14)11-9(12)16/h1-2,4,6-8,13,15H,3H2,(H,11,14,16)/t4-,6-,7-,8-/m1/s1
<b>InChI Key</b>	FVBOTRDLABQYMI-XVFCMESISA-N
<b>Canonical SMILES</b>	C1=CN(C(=O)NC1=O)C2C(C(C(O2)CO)F)O
<b>Isomeric SMILES</b>	C1=CN(C(=O)NC1=O)[C@H]2[C@@H]([C@@H]([C@H](O2)CO)F)O
<b>Form</b>	Solid
<b>Purity</b>	≥98%
<b>Applications</b>	3'-Deoxy-3'-fluorouridine can be used for anti-tumor drug development.
<b>Storage</b>	Store at -20°C.