

## Product Information

### N4-Acetyl-2'-deoxy-2'-fluoro-cytidine

**Cat. No.:** X23-06-YW133

**Size:** 250 mg; 500 mg; 1 g; 5g; 10g

**MDL:** MFCD15145138

**CAS Number:** 159414-97-8

**PubChem CID:** 22094552

**Synonym:** N4-Ac-2'-F-dC; N4-Acetyl-2'-fluoro-2'-deoxycytidine; Ac-2'-F-dC;

N4-Acetyl-2'-deoxy-2'-fluorocytidine; N-[1-[(2R,3R,4R,5R

)-3-fluoro-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-2-oxopyrimidin-4-yl]acetamide

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

#### Product Information

<b>Molecular Weight</b>	287.247
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>14</sub> FN <sub>3</sub> O <sub>5</sub>
<b>InChI</b>	InChI=1S/C11H14FN3O5/c1-5(17)13-7-2-3-15(11(19)14-7)10-8(12)9(18)6(4-16)20-10/h2-3,6,8-10,16,18H,4H2,1H3,(H,13,14,17,19)/t6-,8-,9-,10-/m1/s1
<b>InChI Key</b>	NLXVKEFNBLDLD-PEBGCTIMSA-N
<b>Canonical SMILES</b>	CC(=O)NC1=NC(=O)N(C=C1)C2C(C(C(O2)CO)O)F
<b>Isomeric SMILES</b>	CC(=O)NC1=NC(=O)N(C=C1)[C@H]2[C@@H]([C@@H]([C@H](O2)CO)O)F
<b>Form</b>	White to off-white powder
<b>Purity</b>	≥97%
<b>Applications</b>	N4-Acetyl-2'-deoxy-2'-fluoro-cytidine is a chemical molecule that can be used in complex system study.
<b>Storage</b>	Store at 4°C.