

## Product Information

### *N*-((2*R*, 3*R*, 4*S*, 5*R*)-2-(4-Amino-2-oxopyrimidin-1(2*H*)-yl)-4-hydroxy-5-(hydroxymethyl)tetrahydrofuran-3-yl)-2, 2, 2-trifluoroacetamide

**Cat. No.:** X24-03-LY042

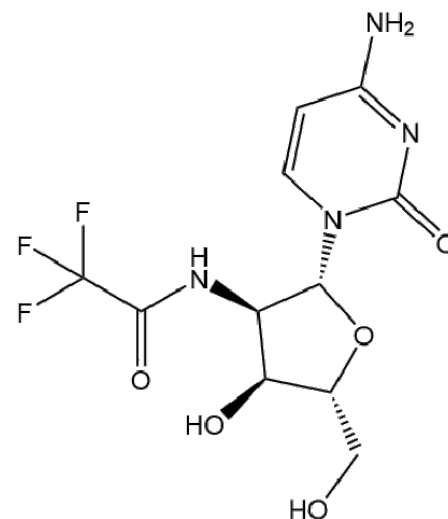
**Size:** 1 g; 5 g; 10 g; 25 g

**CAS Number:** 84715-67-3

**PubChem CID:** 21788442

**Synonym:** 84715-67-3; 2'-TFA-NH-dC; *N*-[(2*R*, 3*R*, 4*S*, 5*R*)-2-(4-Amino-2-oxo-1, 2-dihydropyrimidin-1-yl)-4-hydroxy-5-(hydroxymethyl)oxolan-3-yl]-2, 2, 2-trifluoroacetamide

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



### Product Information

<b>Description</b>	<i>N</i> -((2 <i>R</i> , 3 <i>R</i> , 4 <i>S</i> , 5 <i>R</i> )-2-(4-Amino-2-oxopyrimidin-1(2 <i>H</i> )-yl)-4-hydroxy-5-(hydroxymethyl)tetrahydrofuran-3-yl)-2, 2, 2-trifluoroacetamide is a TFA-modified nucleoside.
<b>Molecular Weight</b>	338.24
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>13</sub> F <sub>3</sub> N <sub>4</sub> O <sub>5</sub>
<b>IUPAC Name</b>	<i>N</i> -[(2 <i>R</i> , 3 <i>R</i> , 4 <i>S</i> , 5 <i>R</i> )-2-(4-Amino-2-oxopyrimidin-1-yl)-4-hydroxy-5-(hydroxymethyl)oxolan-3-yl]-2, 2, 2-trifluoroacetamide
<b>InChI</b>	InChI=1S/C11H13F3N4O5/c12-11(13, 14)9(21)17-6-7(20)4(3-19)23-8(6)18-2-1-5(15)16-10(18)22/h1-2, 4, 6-8, 19-20H, 3H2, (H, 17, 21)(H2, 15, 16, 22)/t4-, 6-, 7-, 8-/m1/s1
<b>InChI Key</b>	GZ FARVHZTGRMCQ-XVFCMESISA-N
<b>Canonical SMILES</b>	C1=CN(C(=O)N=C1N)C2C(C(C(O2)CO)O)NC(=O)C(F)(F)F
<b>Isomeric SMILES</b>	C1=CN(C(=O)N=C1N)[C@H]2[C@@H]([C@@H]([C@H](O2)CO)O)NC(=O)C(F)(F)F
<b>Form</b>	White to off-white solid
<b>Purity</b>	≥98%
<b>Applications</b>	<i>N</i> -((2 <i>R</i> , 3 <i>R</i> , 4 <i>S</i> , 5 <i>R</i> )-2-(4-Amino-2-oxopyrimidin-1(2 <i>H</i> )-yl)-4-hydroxy-5-(hydroxymethyl)tetrahydrofuran-3-yl)-2, 2, 2-trifluoroacetamide is widely used in drug synthesis, natural product synthesis.



**Storage**

Store at -20°C.

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**Safety Information**

**Personal Protective**

Gloves, eyeshields, N95 mask

**Equipment**

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