

## Product Information

### 6-Azuridine

**Cat. No.:** X24-03-LY646

**Size:** 100 mg; 250 mg; 500 mg; 1 g; 10 g; 25 g

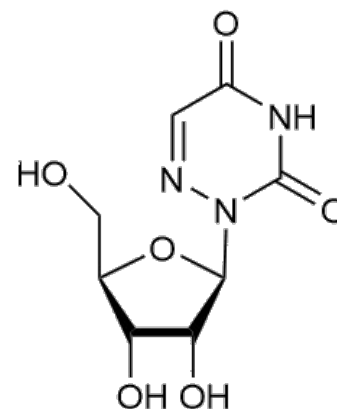
**MDL:** MFCD00006472

**CAS Number:** 54-25-1

**Compound CID:** 5901

**Synonym:** 54-25-1; Azauridine; Riboazauracil; 6-Azauracil riboside; 6-Azur;  
Riboazauratsil; 6-Azauracil 1-riboside

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



### Product Information

<b>Description</b>	6-Azuridine is a pyrimidine nucleotide analog with strong antibacterial activity.
<b>Molecular Weight</b>	245.19
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>11</sub> N <sub>3</sub> O <sub>6</sub>
<b>IUPAC Name</b>	2-[(2R,3R,4S,5R)-3,4-Dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,2,4-triazine-3,5-dione
<b>InChI</b>	InChI=1S/C8H11N3O6/c12-2-3-5(14)6(15)7(17-3)11-8(16)10-4(13)1-9-11/h1,3,5-7,12,14-15H,2H2,(H,10,13,16)/t3-,5-,6-,7-/m1/s1
<b>InChI Key</b>	WYXSYVWUAUWLD-SHUUEZRQSA-N
<b>Canonical SMILES</b>	C1=NN(C(=O)NC1=O)C2C(C(C(O2)CO)O)O
<b>Isomeric SMILES</b>	C1=NN(C(=O)NC1=O)[C@H]2[C@@H]([C@@H]([C@H](O2)CO)O)O
<b>Form</b>	Solid
<b>Purity</b>	≥98%
<b>Applications</b>	6-Azuridine plays a role in inhibiting DNA and RNA synthesis.
<b>Storage</b>	Store at -20°C.