

## Product Information

### 7-Deaza-7-iodo-2'-deoxyguanosine

**Cat. No.:** X23-06-YW049

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

**MDL:** MFCD07778651

**CAS Number:** 172163-62-1

**PubChem CID:** 135405252

**Synonym:** 7-Deaza-7-*l*-2'-dG;

2-Amino-7-((2*R*,4*S*,5*R*

)-4-hydroxy-5-(hydroxyme

thyl)tetrahydrofuran-2-yl)-5-iodo-1*H*-pyrrolo[2,3-*d*]pyrimidin-4(7*H*)-one;

7-Iodo-7-deaza-2'-deoxyguanosine; 7-Deaza-7-iodo-2'-deoxyguanosine;

7-Deaza-2'-deoxy-7-iodoguanosine

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

#### Product Information

<b>Description</b>	7-Deaza-7-iodo-2'-deoxyguanosine at CD BioGlyco is a white to off-white powder product with a purity of ≥98%, which is a deoxyguanosine derivative.
<b>Molecular Weight</b>	392.153
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>13</sub> I <sub>N</sub> <sub>4</sub> O <sub>4</sub>
<b>InChI</b>	InChI=1S/C11H13IN4O4/c12-4-2-16(7-1-5(18)6(3-17)20-7)9-8(4)10(19)15-11(13)14-9/h2,5-7,17-18H,1,3H2,(H3,13,14,15,19)/t5-,6+,7+/m0/s1
<b>InChI Key</b>	TVQBNMOSBBMRCZ-RRKCRQDMSA-N
<b>Canonical SMILES</b>	C1C(C(OC1N2C=C(C3=C2N=C(NC3=O)N)I)CO)O
<b>Isomeric SMILES</b>	C1[C@@H]([C@H](O[C@H]1N2C=C(C3=C2N=C(NC3=O)N)I)CO)O
<b>Form</b>	White to off-white powder
<b>Purity</b>	≥98%
<b>Applications</b>	7-Deaza-7-iodo-2'-deoxyguanosine is a deoxyguanosine derivative that can be used in DNA synthesis and sequencing reactions.
<b>Storage</b>	Store at 4°C.