CD BioGlyco
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Product Information

7-Deaza-7-iodo-2',3'-dideoxyadenosine

Cat. No.: X23-06-YW052

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

CAS Number: 114748-70-8

PubChem CID: 14159244

Synonym: 7-I-7-Deaza-ddA; 7-Iodo-2',3'-dideoxy-7-deazaadenosine; ((2*S*,5*R*)-5-(4-Amino-5-iodo-7*H*-pyrrolo[2,3-d]pyrimidin-7-yl)tetrahydrofuran-2-yl)methanol; 2-Furanmethanol, 5-(4-amino-5-iodo-7*H*-pyrrolo[2,3-d]pyrimidin-7-yl)tetrahydro-, (2*S*,5*R*)-

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

Product Information

Molecular Weight	360.155
Molecular Formula	$C_{11}H_{13}IN_4O_2$
InChI	InChI=1S/C11H13IN4O2/c12-7-3-16(8-2-1-6(4-17)18-8)11-9(7)10(13)14-5-15-11/h3,5-6,8,17H,1-2,4H2,(H2,13,14,15)/t6-,8+/m0/s1
InChI Key	OEZWDZXBBPSXGY-POYBYMJQSA-N
Canonical SMILES	C1CC(OC1CO)N2C=C(C3=C(N=CN=C32)N)I
Isomeric SMILES	C1C[C@@H](O[C@@H]1CO)N2C=C(C3=C(N=CN=C32)N)I
Form	White to off-white powder
Purity	≥97%
Applications	7-Deaza-7-iodo-2',3'-dideoxyadenosine is a dideoxynucleoside that can be used in DNA synthesis and DNA sequencing reactions.
Storage	Store at 4°C.

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