

Product Information

N6-Benzoyl-2'-deoxyadenosine

Cat. No.: X23-06-YW122

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

CAS Number: 4546-72-9

PubChem CID: 107558

Synonym: N6-Bz-2'-dA; N6-Benzoyl-2'-deoxyadenosine; N

-Benzoyl-2'-deoxyadenosine; N-Benzoyl-2'-deoxy-adenosine; N-(9-((2R,4S,5R)-4-Hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-6-yl)benzamide; N-Benzoyldeoxyadenosine

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

Product Information

Description	N6-Benzoyl-2'-deoxyadenosine at CD BioGlyco is a white to off-white powder product with a purity of $\geq 97\%$, which is a by-product of solid-phase oligonucleotide synthesis.
Molecular Weight	355.354
Molecular Formula	C ₁₇ H ₁₇ N ₅ O ₄
InChI	InChI=1S/C17H17N5O4/c23-7-12-11(24)6-13(26-12)22-9-20-14-15(18-8-19-16(14)22)21-17(25)10-4-2-1-3-5-10/h1-5,8-9,11-13,23-24H,6-7H2,(H,18,19,21,25)/t11-,12+,13+/m0/s1
InChI Key	PIXHJAPVPCVZSV-YNEHKIRRSA-N
Canonical SMILES	C1C(C(OC1N2C=NC3=C(N=CN=C32)NC(=O)C4=CC=CC=C4)CO)O
Isomeric SMILES	C1[C@@H]([C@H](O[C@H]1N2C=NC3=C(N=CN=C32)NC(=O)C4=CC=CC=C4)CO)O
Form	White to off-white powder
Purity	$\geq 97\%$
Applications	N6-Benzoyl-2'-deoxyadenosine can be used to create N-branched oligonucleotides.
Storage	Store at 4°C.