

Product Information

N6-Benzoyl-2'-O-methyladenosine

Cat. No.: X23-06-YW128

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

CAS Number: 85079-00-1

PubChem CID: 13852840

Synonym: N6-Bz-2'-OMe-Ar; Bz-2'-OMe-A; N6-Benzoyl-2'-O-methyladenosine; N

-[9-[(2R,3R,4R,5R

)-4-hydroxy-5-(hydroxymethyl)-3-methoxyoxolan-2-yl]purin-6-yl]benzamide; N

-(9-((2R,3R,4R,5R

)-4-hydroxy-5-(hydrox

ymethyl)-3-methoxytetrahydrofuran-2-yl)-9H-purin-6-yl]benzamide

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

Product Information

Description	N6-Benzoyl-2'-O-methyladenosine at CD BioGlyco is a white to off-white powder product with a purity of ≥97%, which is a new nucleoside created by chemically modifying adenosine.
Molecular Weight	385.38
Molecular Formula	C ₁₈ H ₁₉ N ₅ O ₅
InChI	InChI=1S/C18H19N5O5/c1-27-14-13(25)11(7-24)28-18(14)23-9-21-12-15(19-8-20-16(12)23)22-17(26)10-5-3-2-4-6-10/h2-6,8-9,11,13-14,18,24-25H,7H2,1H3,(H,19,20,22,26)/t11-,13-,14-,18-/m1/s1
InChI Key	PHFHSPQCDRKMJQJ-XWXWGSFUSA-N
Canonical SMILES	COC1C(C(OC1N2C=NC3=C(N=CN=C32)NC(=O)C4=CC=CC=C4)CO)O
Isomeric SMILES	CO[C@@H]1[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	≥97%
Applications	N6-Benzoyl-2'-O-methyladenosine can be used as a ribonucleotide reductase activator that is being studied as an anticancer and antiviral substance.
Storage	Store at 4°C.