

Product Information

3'-Deoxyadenosine

Cat. No.: X23-06-YW073

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

MDL: MFCD00037998

CAS Number: 73-03-0

PubChem CID: 6303

Synonym: 3'-dA; Cordycepin; 3'-Deoxyadenosine; Cordycepine;
9-Cordyceposidoadenine;

(2*R*,3*R*,5*S*)-2-(6-Amino-9*H*-purin-9-yl)-5-(hydroxymethyl)tetrahydrofuran-3-ol

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

Product Information

Description	3'-Deoxyadenosine at CD BioGlyco is a white to off-white powder product with a purity of $\geq 98\%$, which is a nucleoside adenosine derivative that differs from the latter by replacing the hydroxy group at the 3' position with a hydrogen.
Molecular Weight	251.246
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₃
InChI	InChI=1S/C10H13N5O3/c11-8-7-9(13-3-12-8)15(4-14-7)10-6(17)1-5(2-16)18-10/h3-6,10,16-17H,1-2H2,(H2,11,12,13)/t5-,6+,10+/m0/s1
InChI Key	OFEZSBMBBKLLBJ-BAJZRUMYSA-N
Canonical SMILES	C1C(OC(C1O)N2C=NC3=C(N=CN=C32)N)CO
Isomeric SMILES	C1[C@H](O[C@H]([C@@H]1O)N2C=NC3=C(N=CN=C32)N)CO
Form	White to off-white powder
Purity	$\geq 98\%$
Applications	3'-deoxyadenosine, also known as cordycepin, which can be used in specific metabolic reactions.
Storage	Store at 4°C.