

Product Information

2',5'-Dideoxyadenosine

Cat. No.: X24-03-LY295

Size: 5 mg; 10 mg; 25 mg; 100 mg; 250 mg; 1 g

MDL: MFCD00210904

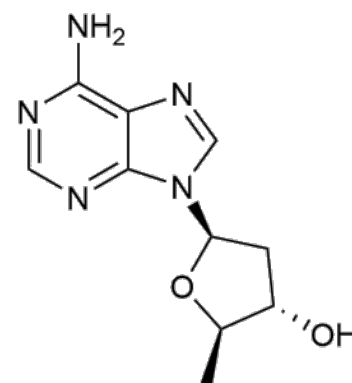
CAS Number: 6698-26-6

Compound CID: 65166

Synonym: 6698-26-6;

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

Adenosine,2',5'-dideoxy-



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

Product Information

Description	2',5'-Dideoxyadenosine is a nucleoside analog with antiviral and antifungal activity.
Molecular Weight	235.24
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₂
IUPAC Name	(2 <i>R</i> ,3 <i>S</i> ,5 <i>R</i>)-5-(6-Aminopurin-9-yl)-2-methyltetrahydrofuran-3-ol
InChI	InChI=1S/C10H13N5O2/c1-5-6(16)2-7(17-5)15-4-14-8-9(11)12-3-13-10(8)15/h3-7,16H,2H2,1H3,(H2,11,12,13)/t5-,6+,7-/m1/s1
InChI Key	FFHPXOJTVQDVMQ-DSYKOEDSSA-N
Canonical SMILES	CC1C(CC(O1)N2C=NC3=C(N=CN=C32)N)O
Isomeric SMILES	C[C@@H]1[C@H](C[C@@H](O1)N2C=NC3=C(N=CN=C32)N)O
Form	Solid
Purity	≥98%
Applications	2',5'-Dideoxyadenosine can be used to research RNA synthesis and function.
Storage	Store at -20°C.