

Product Information

3'-Deoxy-3'-fluoroadenosine

Cat. No.: X24-03-LY680

Size: 100 mg; 250 mg; 500 mg; 1 g

MDL: MFCD20134043

CAS Number: 75059-22-2

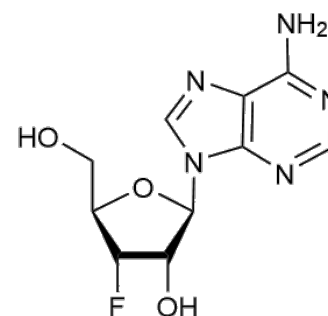
Compound CID: 122619

Synonym: 75059-22-2; 3'-Deoxy-3'-fluoroadenosine;

(2*R*,3*S*,4*S*,5*R*)-2-(6-Amino-9*H*

-purin-9-yl)-4-fluoro-5-(hydroxymethyl)tetrahydrofuran-3-ol; Adenosine,

3'-deoxy-3'-fluoro-



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

Product Information

Description	3'-Deoxy-3'-fluoroadenosine is a fluorinated adenosine analog with a variety of biological activities and pharmacological properties.
Molecular Weight	269.23
Molecular Formula	C ₁₀ H ₁₂ FN ₅ O ₃
IUPAC Name	(2 <i>R</i> ,3 <i>S</i> ,4 <i>S</i> ,5 <i>R</i>)-2-(6-Aminopurin-9-yl)-4-fluoro-5-(hydroxymethyl)oxolan-3-ol
InChI	InChI=1S/C10H12FN5O3/c11-5-4(1-17)19-10(7(5)18)16-3-15-6-8(12)13-2-14-9(6)16/h2-5,7,10,17-18H,1H2,(H2,12,13,14)/t4-,5-,7-,10-/m1/s1
InChI Key	QCDAWXDDXYQEJJ-QYYRPHYCUSA-N
Canonical SMILES	C1=NC(=C2C(=N1)N(C=N2)C3C(C(C(O3)CO)F)O)N
Isomeric SMILES	C1=NC(=C2C(=N1)N(C=N2)[C@H]3[C@@H]([C@@H]([C@H](O3)CO)F)O)N
Form	Solid
Purity	≥98%
Applications	3'-Deoxy-3'-fluoroadenosine can be used to inhibit the proliferation of tumor cells.
Storage	Store at -20°C.