

Product Information

Lodenosine, Purity ≥98%

Cat. No.: X24-09-YM1192

Size: 5 mg; 10 mg; 25 mg; 50 mg

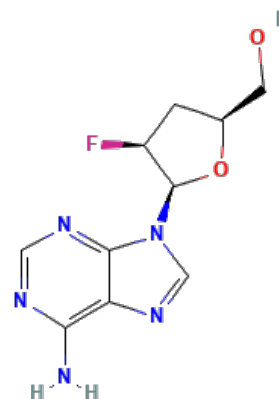
CAS Number: 110143-10-7

Compound CID: 72180

Synonym: 110143-10-7; FddA; F-ddA; 2'-F-dd-ara-A; 9-(2,3-Dideoxy-2-fluoro- α -D-threopentofuranosyl)-adenine;

[(2*S*,4*S*,5*R*)-5-(6-Aminopurin-9-yl)-4-fluorooxolan-2-yl]methanol

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



Product Information

Description	Lodenosine is a failed experimental agent. The molecular weight of the compound is 253.24, and its molecular formula is C ₁₀ H ₁₂ FN ₅ O ₂ .
Molecular Weight	253.24
Molecular Formula	C ₁₀ H ₁₂ FN ₅ O ₂
IUPAC Name	[(2 <i>S</i> ,4 <i>S</i> ,5 <i>R</i>)-5-(6-Aminopurin-9-yl)-4-fluorooxolan-2-yl]methanol
InChI	InChI=1S/C10H12FN5O2/c11-6-1-5(2-17)18-10(6)16-4-15-7-8(12)13-3-14-9(7)16/h3-6,10,17H,1-2H 2,(H2,12,13,14)/t5-,6-,10+/m0/s1
InChI Key	KBEMFSMODRNJHE-JFWOZONXSA-N
Canonical SMILES	C1C(OC(C1F)N2C=NC3=C(N=CN=C32)N)CO
Isomeric SMILES	COC1=CC=C(C=C1)[C@@H]2[C@@H](COC3=C2C=CC(=C3)O)C4=CC=C(C=C4)O
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Lodenosine plays a key role in interfering with the reverse transcription process.
Storage	Store at -20°C, and keep desiccated.