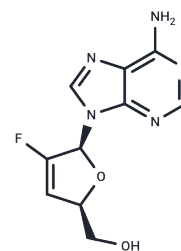


L-Fd4A

Chemical Properties

CAS No. :	210474-65-0
Formula:	C ₁₀ H ₁₀ N ₅ O ₂
Molecular Weight:	251.22
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	L-Fd4A (compound 36) is an adenine derivative that has anti-human immunodeficiency virus (HIV) (EC 50 =1.5 μ M) and anti- hepatitis B virus (HBV) (EC 50 =1.7 μ M) activity. L-Fd4A has low cytotoxicity [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,HIV Protease,HBV
In vitro	L-Fd4A has no toxicity in PBM, Vero and CEM cells. L-Fd4A has no effect on mitochondrial DNA of CEM cells upon long-term exposure [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9806 mL	19.9029 mL	39.8057 mL
5 mM	0.7961 mL	3.9806 mL	7.9611 mL
10 mM	0.3981 mL	1.9903 mL	3.9806 mL
50 mM	0.0796 mL	0.3981 mL	0.7961 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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