

2'-Deoxy-2'-fluoroadenosine-5'-O-triphosphate sodium

Chemical Properties

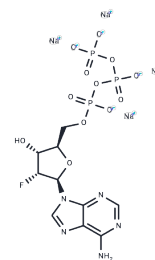
CAS No. :

Formula: C10H11FN5O12P3.4Na

Molecular Weight: 597.10

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	2'-Deoxy-2'-fluoroadenosine-5'-O-triphosphate is a fluorinated analog of ATP, the pivotal energy substrate for cellular metabolism, and acts as an inhibitor of E. coli RNA polymerase (Ki = 200 μM).
Targets(IC50)	Others,DNA/RNA Synthesis

Solubility Information

Solubility	H2O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6748 mL	8.3738 mL	16.7476 mL
5 mM	0.335 mL	1.6748 mL	3.3495 mL
10 mM	0.1675 mL	0.8374 mL	1.6748 mL
50 mM	0.0335 mL	0.1675 mL	0.335 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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