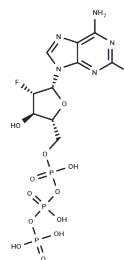


Clofarabine-5'-triphosphate

Chemical Properties

CAS No. :	134646-41-6
Formula:	C ₁₀ H ₁₄ ClFN ₅ O ₁₂ P ₃
Molecular Weight:	543.62
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	Clofarabine-5'-triphosphate is a metabolite of Clofarabine, produced via phosphorylation by deoxycytidine kinase (dCK). It exhibits cytotoxicity in cancer cells by inhibiting DNA synthesis and DNA repair.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8395 mL	9.1976 mL	18.3952 mL
5 mM	0.3679 mL	1.8395 mL	3.679 mL
10 mM	0.184 mL	0.9198 mL	1.8395 mL
50 mM	0.0368 mL	0.184 mL	0.3679 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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