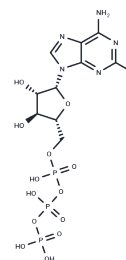


Fludarabine triphosphate

Chemical Properties

CAS No. :	74832-57-8
Formula:	C ₁₀ H ₁₅ FN ₅ O ₁₃ P ₃
Molecular Weight:	525.17
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	Fludarabine triphosphate (F-ara-ATP), the cytotoxic metabolite of Fludarabine phosphate, inhibits ribonucleotide reductase and DNA polymerase, ultimately leading to cellular apoptosis.
Targets(IC50)	Apoptosis,Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9041 mL	9.5207 mL	19.0415 mL
5 mM	0.3808 mL	1.9041 mL	3.8083 mL
10 mM	0.1904 mL	0.9521 mL	1.9041 mL
50 mM	0.0381 mL	0.1904 mL	0.3808 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.

Reference

Erica L. Woodahl, et al. A NOVEL PHENOTYPIC METHOD TO DETERMINE FLUDARABINE TRIPHOSPHATE ACCUMULATION IN T-LYMPHOCYTES FROM HEMATOPOIETIC CELL TRANSPLANTATION PATIENTS. J Cell Mol Med. 2020 Jul 31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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