

dFdCTP trisodium

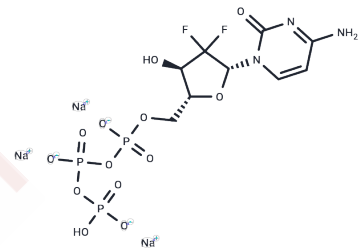
Chemical Properties

CAS No. :

Formula: C₉H₁₁F₂N₃Na₃O₁₃P₃

Molecular Weight: 569.08

Storage: Store at low temperature, Keep away from moisture
 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	dFdCTP trisodium (Gemcitabine triphosphate trisodium) is a Gemcitabine derivative that is cytotoxic and inhibits processes required for DNA synthesis. dFdCTP trisodium inhibits T-araCTP and araCTP, which dopes DNA and terminates DNA Inhibits T-araCTP and araCTP.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7572 mL	8.7861 mL	17.5722 mL
5 mM	0.3514 mL	1.7572 mL	3.5144 mL
10 mM	0.1757 mL	0.8786 mL	1.7572 mL
50 mM	0.0351 mL	0.1757 mL	0.3514 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

Shewach DS, et al. Gemcitabine and radiosensitization in human tumor cells. Invest New Drugs. 1996;14(3):257-63.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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