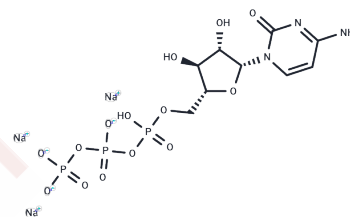


Cytarabine triphosphate trisodium

Chemical Properties

CAS No. :	1179343-17-9
Formula:	C ₉ H ₁₃ N ₃ Na ₃ O ₁₄ P ₃
Molecular Weight:	549.1
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	Cytarabine triphosphate (Ara-CTP) trisodium, an active metabolite of Cytarabine, is a competitive inhibitor of DNA synthesis. Intracellular Cytarabine triphosphate trisodium levels can predict the chemosensitivity of leukemic blasts to Cytarabine [1].
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8212 mL	9.1058 mL	18.2116 mL
5 mM	0.3642 mL	1.8212 mL	3.6423 mL
10 mM	0.1821 mL	0.9106 mL	1.8212 mL
50 mM	0.0364 mL	0.1821 mL	0.3642 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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