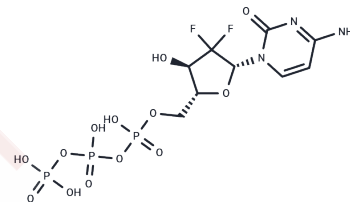


Gemcitabine triphosphate

Chemical Properties

CAS No. :	110988-86-8
Formula:	C ₉ H ₁₄ F ₂ N ₃ O ₁₃ P ₃
Molecular Weight:	503.14
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	Gemcitabine triphosphate (dFdCTP), alongside its counterpart, the active diphosphate (dFdCDP), represents one of the two primary nucleoside metabolites of Gemcitabine within cellular structures. It serves as a benchmark in radiolabeled probe imaging investigations aimed at pinpointing tumors responsive to Gemcitabine. Furthermore, it is instrumental in assessing the compound's absorption and retention by cells [1] [2].
Targets(IC50)	Others,Endogenous Metabolite,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9875 mL	9.9376 mL	19.8752 mL
5 mM	0.3975 mL	1.9875 mL	3.975 mL
10 mM	0.1988 mL	0.9938 mL	1.9875 mL
50 mM	0.0398 mL	0.1988 mL	0.3975 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481