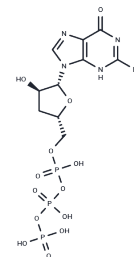


3'-Deoxy-GTP

Chemical Properties

CAS No. :	55968-37-1
Formula:	C ₁₀ H ₁₆ N ₅ O ₁₃ P ₃
Molecular Weight:	507.181
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	3'-Deoxy-GTP (3'-Deoxyguanosine 5'-triphosphate) is an analog of GTP and serves as an RNA chain terminator, effectively inhibiting RNA synthesis. It can inhibit dengue virus DENV NS5 RdRp with an IC ₅₀ of 0.02 μM.
Targets(IC ₅₀)	Nucleoside Antimetabolite/Analog, Anti-infection, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9717 mL	9.8584 mL	19.7169 mL
5 mM	0.3943 mL	1.9717 mL	3.9434 mL
10 mM	0.1972 mL	0.9858 mL	1.9717 mL
50 mM	0.0394 mL	0.1972 mL	0.3943 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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