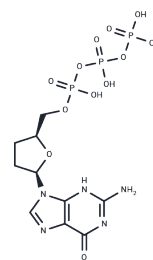


ddGTP

Chemical Properties

CAS No. :	68726-28-3
Formula:	C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃
Molecular Weight:	491.182
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	ddGTP (2',3'-Dideoxyguanosine 5'-triphosphate) is a type of 2',3'-dideoxyribonucleoside 5'-triphosphate (ddNTP) that functions as a chain-elongating inhibitor of DNA polymerase in DNA sequencing.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0359 mL	10.1796 mL	20.3591 mL
5 mM	0.4072 mL	2.0359 mL	4.0718 mL
10 mM	0.2036 mL	1.018 mL	2.0359 mL
50 mM	0.0407 mL	0.2036 mL	0.4072 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

Z G Chidgeavadze, et al. 3'-Fluoro-2',3'-dideoxyribonucleoside 5'-triphosphates: terminators of DNA synthesis. FEBS Lett. 1985 Apr 22;183(2):275-8.

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