

3'-amino-dGTP tetrasodium

Chemical Properties

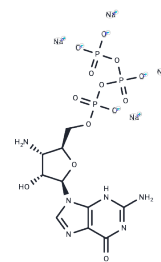
CAS No. :

Formula: C₁₀H₁₃N₆O₁₃P₃.4Na

Molecular Weight: 610.12

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'-Amino-3'-deoxyguanosine-5'-O-triphosphate (3'-amino-dGTP), an amine-modified nucleotide, effectively terminates RNA strand synthesis as catalyzed by RNA polymerase in E. coli. This compound has also been utilized in creating a non-hydrolyzable derivative of the alarmone guanosine pentaphosphate (pppGpp).
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.639 mL	8.1951 mL	16.3902 mL
5 mM	0.3278 mL	1.639 mL	3.278 mL
10 mM	0.1639 mL	0.8195 mL	1.639 mL
50 mM	0.0328 mL	0.1639 mL	0.3278 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