

Deoxycytidine triphosphate disodium

Chemical Properties

CAS No. : 102783-51-7

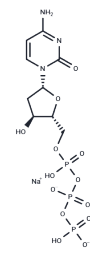
Formula: C₉H₁₄N₃Na₂O₁₃P₃

Molecular Weight: 511.12

Storage:

Keep away from direct sunlight, Store under nitrogen,
Keep away from moisture, Store at low temperature
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	Deoxycytidine triphosphate disodium is a biochemically defined nucleotide reagent that can be utilized as a biological material or organic compound in life science research. Deoxycytidine triphosphate supports applications in DNA synthesis, enzymatic assays, molecular biology workflows, and experimental systems requiring high-purity deoxynucleotide triphosphates for controlled biochemical reactions.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 100.00 mg/mL (195.65 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9565 mL	9.7824 mL	19.5649 mL
5 mM	0.3913 mL	1.9565 mL	3.913 mL
10 mM	0.1956 mL	0.9782 mL	1.9565 mL
50 mM	0.0391 mL	0.1956 mL	0.3913 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