

## Cytidine-5'-triphosphate-13C9 dilithium

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Cytidine-5'-triphosphate-13C9 dilithium is the 13C labeled version of Cytidine-5'-triphosphate. Cytidine 5'-triphosphate (Cytidine triphosphate; 5'-CTP) is a triphosphate nucleotide and serves as a building block for nucleotides, nucleic acids, and lipid biosynthesis. It is synthesized via the enzyme cytidine triphosphate synthetase, which catalyzes the formation of 5'-CTP from UTP. Additionally, Cytidine 5'-triphosphate is an essential biomolecule in the de novo pyrimidine biosynthesis pathway of <i>T. gondii</i> .
Targets(IC50)	Nucleoside Antimetabolite/Analog,Endogenous Metabolite,DNA/RNA Synthesis

**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