

Cytidine-5'-triphosphate-D14 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-D14 dilithium is a deuterium-labeled form of Cytidine-5'-triphosphate. Cytidine 5'-triphosphate (Cytidine triphosphate; 5'-CTP) is a triphosphate nucleotide, serving as a fundamental building block for nucleotides and nucleic acids, as well as in lipid biosynthesis. Cytidine triphosphate synthetase catalyzes the conversion of UTP to 5'-CTP. 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