

## Cytidine-5'-triphosphate-D14 disodium

## 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 disodium isododium) is the deuterated form of Cytidine-5'-triphosphate disodium (T5288). Cytidine 5'-triphosphate (Cytidine triphosphate; 5'-CTP) is a triphosphate nucleotide and serves as a building block in nucleotide, nucleic acid, and lipid biosynthesis. The enzyme CTP synthase 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

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