

## Cytidine-5'-triphosphate Biochemical

Cytidine-5'-triphosphate

CATALOG #  
AAA228827

### PRODUCT SYNONYMS

Cytidine-5'-triphosphate; Cytidine-5'-triphosphate biochemical

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                      |
| CAS                     | 65-47-4                                                                  |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble              |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years |

### IMAGES

KRVTIMPKDIQLARRIRGERA

**Structure**

Histone H3 (116-136), C116-136, CAS 917103-17-4

KRVTIMPKDIQLARRIRGERA

**Structure**

Histone H3 (116-136), C116-136, CAS 917103-17-4

### ADDITIONAL INFORMATION

|                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for<br>Cytidine-5'-triphosphate biochemical | Cytidine 5'-triphosphate (Cytidine triphosphate; 5'-CTP) is a nucleoside triphosphate and serves as a building block for nucleotides and nucleic acids, lipid biosynthesis. Cytidine triphosphate synthase can catalyze the formation of cytidine 5'-triphosphate from uridine 5'-triphosphate (UTP). Cytidine 5'-triphosphate is an essential biomolecule in the de novo pyrimidine biosynthetic pathway in <i>T. gondii</i> . |
| References                                                              | 1. Bowman A, et al. The histone chaperone sNASP binds a conserved peptide motif within the globular core of histone H3 through its TPR repeats. <i>Nucleic Acids Res.</i> 2016;44(7):3105-3117. doi:10.1093/nar/gkv1372                                                                                                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.