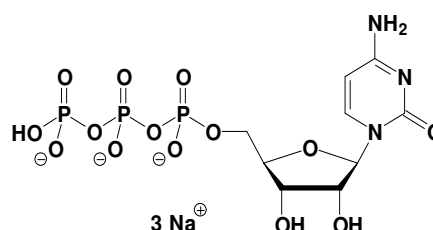


**DATA SHEET**

**Cytidine 5'-Triphosphate, CTP**

Product: Cytidine 5'-Triphosphate, sodium salt  
 CAS Number: 36051-68-0  
 Structural formula:



**Ordering Information**

Cat.-No.	Volume	Amount	Conc.
NU-1011	1 ml	100 µmol	100 mM

**Quality Control Assays**

Functional Assays	Specification
In vitro transcription	suitable
DNase, RNase, Protease, Phosphatase Assay	no activity detected
Physical Assays	Specification
Concentration	100 mM ±2%
Purity by HPLC	>99%
pH	8.0 ±0.2

**Physical Constants**

Formula	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> (Anion)
Molecular Weight	480.13 g/mol (Anion)
Absorbance	
absorbance max:	271 nm (pH 7)
ε at absorbance max:	8.9 mmol <sup>-1</sup> cm <sup>-1</sup>