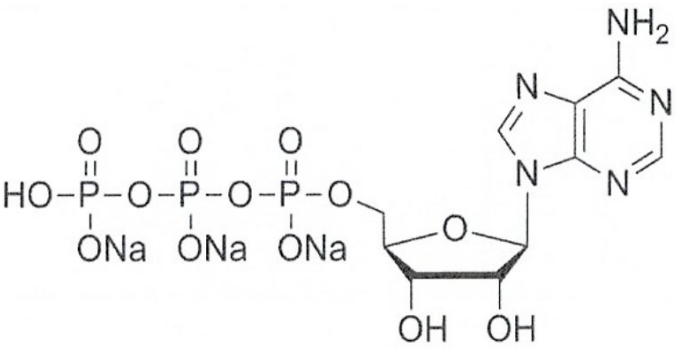
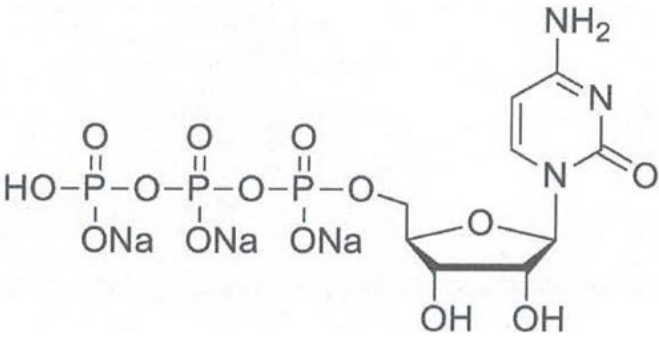
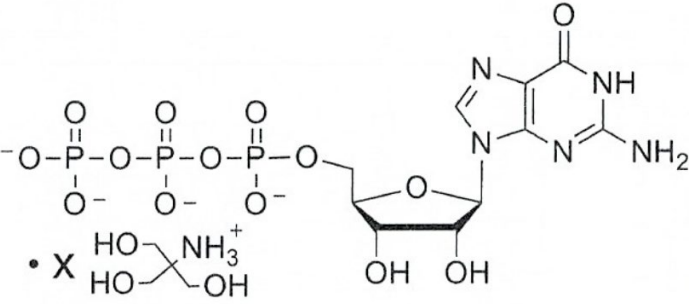


Product Name	ATP Sodium Solution (100 mM) (Adenosine-5'-triphosphate, trisodium salt)	
Molecular Formula	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> Na <sub>3</sub> O <sub>13</sub> P <sub>3</sub>	<b>Structure</b> 
Molecular Weight	573.13	
CAS Number	987-65-5	
Retest Date	24 month	
Storage Condition	-20°C, Always avoid freeze-thaw cycles.	

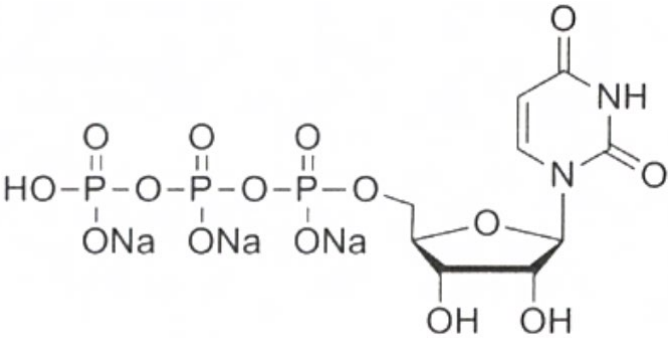
Test items	Specifications
Appearance	Clear colorless solution
λ <sub>max</sub>	259 nm±2 nm
pH (22~25°C)	7.4±0.1
Bioburden	≤1 cfu/ml
Endotoxin	<1 EU/ml
Purity (HPLC)	99%
Concentration	100mM±3 mM
Quality Control	This preparation is free of DNase and RNase contamination. This batch of ATP has been performance tested in transcription reaction.

Product Name	CTP Sodium Solution (100 mM) (Cytidine-5'-triphosphate, trisodium salt)	
Molecular Formula	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> Na <sub>3</sub> O <sub>14</sub> P <sub>3</sub>	<b>Structure</b> 
Molecular Weight	549.10	
CAS Number	123334-07-6	
Retest Date	24 month	
Storage Condition	-20°C, Always avoid freeze-thaw cycles.	

Test items	Specifications
Appearance	Clear colorless solution
λ <sub>max</sub>	271 nm±2 nm
pH (22~25°C)	7.4±0.1
Bioburden	≤1 cfu/ml
Endotoxin	<1 EU/ml
Purity (HPLC)	99%
Concentration	100mM±3 mM
Quality Control	This preparation is free of DNase and RNase contamination. This batch of CTP has been performance tested in transcription reaction.

Product Name	GTP Tris Solution (100 mM) (Guanosine-5'-triphosphate, tris salt solution)	
Molecular Formula	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> Na <sub>3</sub> O <sub>14</sub> P <sub>3</sub> (Free acid)	<b>Structure</b> 
Molecular Weight	523.18 (Free acid)	
CAS Number	N/A	
Retest Date	24 month	
Storage Condition	-20°C, Always avoid freeze-thaw cycles.	

Test items	Specifications
Appearance	Clear colorless solution
λ <sub>max</sub>	253 nm±2 nm
pH (22~25°C)	7.4±0.1
Bioburden	≤1 cfu/ml
Endotoxin	<1 EU/ml
Purity (HPLC)	99%
Concentration	100mM±3 mM
Quality Control	This preparation is free of DNase and RNase contamination. This batch of GTP has been performance tested in transcription reaction.

Product Name	UTP Sodium Solution (100 mM) (Uridine-5'-triphosphate, trisodium salt)	
Molecular Formula	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>15</sub> P <sub>3</sub>	Structure 
Molecular Weight	550.09	
CAS Number	19817-92-6	
Retest Date	24 month	
Storage Condition	-20°C, Always avoid freeze-thaw cycles.	

Test items	Specifications
Appearance	Clear colorless solution
λ <sub>max</sub>	262 nm±2 nm
pH (22~25°C)	7.0±0.1
Bioburden	≤1 cfu/ml
Endotoxin	<1 EU/ml
Purity (HPLC)	99%
Concentration	100mM±3 mM
Quality Control	This preparation is free of DNase and RNase contamination. This batch of UTP has been performance tested in transcription reaction.