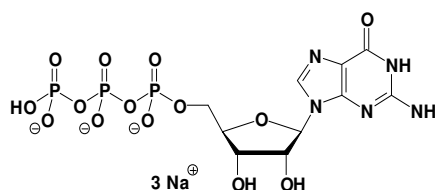


DATA SHEET

Guanosine 5'-Triphosphate, GTP

Product: Guanosine 5'-Triphosphate, sodium salt
 CAS Number: 36051-31-7
 Structural formula:



Ordering Information

Cat.-No.	Volume	Amount	Conc.
NU-1012	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 ₁₀ H ₁₃ N ₅ O ₁₄ P ₃ (Anion)
Molecular Weight	520.15 g/mol (Anion)
Absorbance	
absorbance max:	252 nm (pH 7)
ε at absorbance max:	14.2 mmol ⁻¹ cm ⁻¹