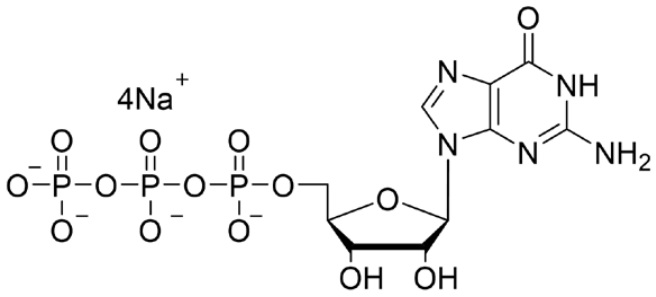
GTP Sodium Solution

Cat. No.: HYJ314

Product Description

GTP, also known as Guanosine-5'-triphosphate, is a colorless and transparent aqueous solution with a purity of ≥99% (HPLC). It is free from DNase, RNase, and phosphatase contamination. It is primarily used in in vitro transcription (IVT), aptamer, laboratory-developed tests (LDT), analyte-specific reagents (ASR), PCR, and RT-PCR reactions.



Components

Components	Specification
GTP Sodium Solution (100 mM)	1 mL

Storage

Store at -20°C, avoid repeated freezing and thawing.

Product Details

Item	Information
CAS Number	36051-31-7
Molecular weight	523.18 g/mol (free acid)
Molecular formula	$C_{10}H_{16}N_5O_{14}P_3$ (free acid)
Purity	≥99% (HPLC)
Concentration	100 mM±5%
pH	8.0±0.5
Appearance	Clear colorless solution