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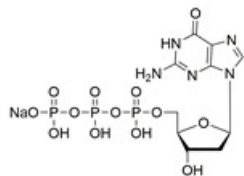
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37447
Product	2'-Deoxyguanosine-5'-triphosphate, 100mM sodium salt solution
CAS Number	dGTP, 100mM sodium salt solution 93919-41-6
Molecular Formula	C ₁₀ H ₁₃ N ₅ Na ₃ O ₁₃ P ₃
Molecular Weight	573.1
Appearance	Clear colorless solution
Concentration	100 mM ± 3%
pH	7.0 ± 0.1
UV Ratios	$\lambda_{\max} = 253 \pm 2 \text{ nm}$ Absorbance ratio : $A_{250/260} = 1.11 - 1.19 \text{ (pH 7.0)}$ $A_{280/260} = 0.63 - 0.69 \text{ (pH 7.0)}$
Purity by HPLC	≥ 99%
Grade	Molecular Biology Grade
Storage	Store at ≤ -20 °C

For Laboratory Use Only