

Product Datasheet

dGTP - Solution (orb533046)

Description	dGTP, PCR-grade is supplied as ultrapure aqueous solution (pH 8.5) and suitable for all molecular bi...
Form/Appearance	clear aqueous solution; pH: 8.5 ± 0.2 (22 °C)
Concentration	100 mM-110 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 252 nm, ε 14.2 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.0).
Formula	C ₁₀ H ₁₆ N ₅ O ₁₃ P ₃
Purity	≥ 99% (HPLC)
MW	Theoretical MW: 507.18 g/mol (free acid)
CAS Number	93919-41-6
SMILES	<chem>Nc1[nH]c(=O)c2ncn(c2n1)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](O)C1</chem>
Expiration Date	12 months from date of receipt.