

Product Datasheet

dGTP - Solution (orb1734229)

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. Short term exposure (up to 1 week cumulative) to ambient temperature possible. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery
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	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
Expiration Date	12 months from date of receipt.