

Product Datasheet

dATP - Solution (orb1734231)

Catalog Number	orb1734231
Category	Small Molecules
Description	dATP, PCR-grade is supplied as ultrapure aqueous solution (pH 8.5) and suitable for all molecular biology applications including PCR/qPCR, reverse transcription, DNA labeling and DNA sequencing.
Form/Appearance	clear aqueous solution; pH: 8.5 ± 0.2 (22 °C)
Concentration	100 mM-110 mM
Purity	≥ 99% (HPLC)
MW	Theoretical MW: 491.18 g/mol (free acid)
Application notes	Spectroscopic Propertie: λ _{max} 259 nm, ε 15.1 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.0).
CAS Number	1927-31-7
Formula	C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃
SMILES	<chem>O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](n2cnc3c(N)ncnc23)C1</chem>
Storage	store at -20 °C
Note	For research use only
Expiration Date	12 months from date of receipt.

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