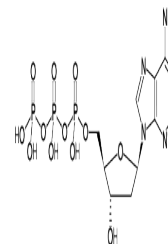


Product Datasheet

dATP - Solution (orb533044)

Description	dATP, 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} 259 nm, ε 15.1 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.0).
Formula	C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃
Purity	≥ 99% (HPLC)
MW	Theoretical MW: 491.18 g/mol (free acid)
CAS Number	1927-31-7
SMILES	<chem>O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](n2cn3c(N)ncnc23)C1</chem>
Hazard Information	Non-Toxic
Expiration Date	12 months from date of receipt.



Structural formula of dATP - Solution.