

Product Datasheet

3'-dATP (orb65072)

Description	(Cordycepin triphosphate)
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	3'-end labeling of RNA with recombinant yeast poly(A) polymerase; 3'-end labeling of oligonucleotide primers. Spectroscopic Propertie: λ _{max} 259 nm, ε 15.4 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 491.18 g/mol (free acid); Detected MW: 491.00 g/mol (free acid)
CAS Number	73-04-1
SMILES	<chem>O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)C1</chem>
Expiration Date	12 months from date of receipt.