

Product Datasheet

3'-dATP (orb1734166)

| | |
|--------------------------|--|
| 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. Short term exposure (up to 1 week cumulative) to ambient temperature possible |
| 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. |