

Product Datasheet

3'-Azido-3'-dATP (orb572655)

Description	3'-Azido-3'-dATP
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	Spectroscopic Propertie: λ _{max} 259 nm, ε 15.4 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₅ N ₈ O ₁₂ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 532.19 g/mol (free acid); Detected MW: 532.00 g/mol (free acid)
SMILES	<chem>N(=[N+]=[N-])[C@@H]1[C@@H](COP(=O)(OP(=O)(O)OP(=O)(O)O)O)[C@@H](n2cnc3c(N)ncnc23)[C@@H]1O</chem>
Expiration Date	12 months from date of receipt.