

Product Datasheet

2'OMe-ATP (orb65327)

Description	2'OMe-ATP
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	100 mM-110 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Acidity constants; Inhibition of RNA polymerase; Sequence specific incorporation by RNase P; Nucleotide specificity of CCA-adding enzyme. Spectroscopic Properties: λ _{max} 259 nm, ε 15.1 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.0).
Formula	C ₁₁ H ₁₈ N ₅ O ₁₃ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 521.21 g/mol (free acid); Detected MW: 521.01 g/mol (free acid)
SMILES	<chem>Nc1c2ncn([C@@H]3O[C@H](COP(=O)(OP(=O)(OP(=O)(O)O)O)O)[C@@H](O)[C@H]3OC)c2ncn1</chem>
Hazard Information	Non-Toxic
Expiration Date	12 months from date of receipt.