

Product Datasheet

N1-Methyl-ATP - Solution (orb548675)

Description	N1-Methyl-ATP - Solution
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	Spectroscopic Propertie: $\lambda_{\max}$ 257 nm, ϵ 14.6 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
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>O[C@H]1[C@H](n2cnc3c(=N)n(cnc23)C)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O</chem>
Expiration Date	12 months from date of receipt.