

Product Datasheet

N6-(6-Amino)hexyl-dATP (ATTO-647N) (orb63340)

Description	N6-(6-Amino)hexyl-dATP conjugated to ATTO-647N.
Form/Appearance	solution in water; Color: blue; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 646 nm, λ _{em} 664 nm, ε 150.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₈ H ₇₈ N ₉ O ₁₄ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1218.21 g/mol (free acid); Detected MW: 1217.49 g/mol (free acid)
SMILES	<chem>C(Nc1c2c(n([C@H]3C[C@@H]([C@H](O3)COP(=O)(OP(=O)(OP(=O)(O)O)O)O)cn2)ncn1)CCCCCNC(=O)CCCN(C(=O)c1c(C2=c3cc4c5=[N+](CC4)CCCC5c3C(c3c2cc2c(c3)N(C(CC2C)(C)C)CC(C)C)cccc1)C</chem>
Expiration Date	12 months from date of receipt.