

Product Datasheet

N6-(6-Amino)hexyl-dATP (5/6-TAMRA) (orb63360)

Description	N6-(6-Amino)hexyl-dATP conjugated to 5/6-TAMRA.
Form/Appearance	solution in water; Color: pink to red; 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} 545 nm, λ _{em} 575 nm, ε 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₄₉ N ₈ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1002.80 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)O)cn2)ncn1)CCCCCNC(=O)c1cc(c(cc1)C(=O)[O-])c1c2c(oc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2.C(Nc1c2c(n([C@H]3C[C@@H]([C@H](O3)COP(=O)(OP(=O)(OP(=O)(O)O)O)O)O)O)cn2)ncn1)CCCCCNC(=O)c1ccc(c(c1)C(=O)[O-])c1c2c(oc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2</chem>
Expiration Date	12 months from date of receipt.