

Product Datasheet

N6-(6-Amino)hexyl-dATP (DYQ-661) (orb63317)

Description	N6-(6-Amino)hexyl-dATP conjugated to DYQ-661.
Form/Appearance	solution in water; 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} 662 nm, ε 104.0 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5), λ _{exc} 662 nm, ε 140.0 L mmol ⁻¹ cm ⁻¹ (Ethanol), Please note: DYQ661 is not a dark quencher, λ _{em} 690 nm.
Formula	C ₅₅ H ₇₀ N ₈ O ₂₀ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1320.24 g/mol (Anion)
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)CCCC1(c2cc(ccc2N/C1=C\C=C\c1c2c(cc(N(CC)CC)cc2)[o+])c(c2cccc2)c1C)CCCS(=O)(=O)[O-])S(=O)(=O)O)C</chem>
Expiration Date	12 months from date of receipt.