

Product Datasheet

N6-(6-Amino)hexyl-dATP (Cy5) (orb63323)

Description	N6-(6-Amino)hexyl-dATP conjugated to Cy5.
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} 649 nm, λ_{em} 670 nm, ϵ 250.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₉ H ₆₇ N ₈ O ₁₉ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1229.15 g/mol (free acid); Detected MW: 1228.32 g/mol (free acid)
SMILES	<chem>C(=C\C1=*(CC)c2c(C1(C)C)cc(S(=O)(=O)[O-])cc2)/C=C/C=C/1\C(C)(C)c2cc(S(=O)(=O)O)ccc2N1CCCCC(=O)NCCCCCNc1ncnc2c1ncn2[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](O)C1</chem>
Expiration Date	12 months from date of receipt.