

Product Datasheet

N6-(6-Amino)hexyl-dATP (Cy3) (orb63324)

Description	N6-(6-Amino)hexyl-dATP conjugated to Cy3.
Form/Appearance	solution in water; Color: pink; 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} 550 nm, λ _{em} 570 nm, ε 150.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₇ H ₆₅ N ₈ O ₁₉ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1203.11 g/mol (free acid); Detected MW: 1202.30 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)CCCCCN1c2ccc(S(=O)(=O)O)cc2C(C)(C)/C1=C\C=C\C1=*(c2ccc(cc2C1(C)C)S(=O)(=O)[O-])CC</chem>
Expiration Date	12 months from date of receipt.