

Product Datasheet

Aminoallyl-dUTP-XX-IR750 (orb1733315)

Description	Recommended Aminoallyl-dUTP-XX-IR750/dTTP ratio for PCR: 20-30% Aminoallyl-dUTP-XX-IR750/80%-70% dTT...
Form/Appearance	solution in 10 mM Tris-HCl; Color: dark green; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C. Short term exposure (up to 1 week cumulative) to ambient temperature possible
Note	For research use only
Application notes	Incorporation into DNA/cDNA by-PCR with Taqpolymerasein-house data. Spectroscopic Propertie: λ _{exc} 753 nm, λ _{em} 775 nm, ε 255.0 L mmol ⁻¹ , cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₇₁ H ₉₆ N ₇ O ₂₉ P ₃ S ₄
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1732.73 g/mol (free acid); Detected MW: 1731.43 g/mol (free acid)
SMILES	P(=O)(OP(=O)(O)O)(O)OP(=O)(O)OCC1OC(C[C@@H]1O)n1c(=O)[nH]c(=O)c(c1)/C=C/CNC(=O)CCCCNC(=O)CCCCNC(=O)CCCCc1ccc(cc1)C1=C(CCC/C1=C\C=C/C1\N(c2c(C1(C)C)cc(cc2)S(=O)(=O)O)CCCS(=O)(=O)O)/C=C/C1=[N+](c2c(C1(C)C)cc(cc2)S(=O)(=O)[O-])CCCS(=O)(=O)O
Expiration Date	12 months from date of receipt.