

Product Datasheet

Aminoallyl-dUTP-XX-STAR RED (orb1733311)

Description	Recommended Aminoallyl-dUTP-XX-STAR RED/dTTP ratio for PCR: 20-30% Aminoallyl-dUTP-XX-STAR RED/80%-7...
Form/Appearance	solution in 10 mM Tris-HCl; Color: dark blue; 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} 638 nm, λ _{em} 655 nm, ε 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₆₈ H ₈₅ F ₄ N ₈ O ₂₆ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1663.48 g/mol (free acid); Detected MW: 1662.41 g/mol (free acid)
SMILES	C(/C=C/c1cn(c(=O)[nH]c1=O)[C@H]1C[C@@H]([C@H](O1)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)NC(=O)CCCCNC(=O)CCCC[NH][C
Expiration Date	12 months from date of receipt.