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Product Datasheet

Aminoallyl-dUTP-XX-ATTO-488 BYT-ORB533132

Article Name	Aminoallyl-dUTP-XX-ATTO-488
Biozol Catalog Number	BYT-ORB533132
Supplier Catalog Number	orb533132
Alternative Catalog Number	BYT-ORB533132-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Aminoallyl-dUTP-XX-ATTO488 is recommended for direct enzymatic labeling of DNA/cDNA e.g. by PCR and Nick Translation. It is incorporated as substitute for its natural counterpart dTTP. The resulting Dye-labeled DNA/cDNA probes are ideally suited for...
Concentration	1.0 mM-1.1 mM
Molecular Weight	Theoretical MW: 1321.11 g/mol (free acid), Detected MW: 1320.26 g/mol (free acid)
Purity	95% (HPLC)
Form	filtered solution (30 kDa) in 10 mM Tris-HCl, Color: yellow, pH: 7.5 0.5
Formula	C ₄₉ H ₆₃ N ₈ O ₂₅ P ₃ S ₂
Application Notes	Application Notes: Incorporation into DNA/cDNA by: PCR with Taqpolymerase in-house data, Nick Translation with DNase I/DNA Polymerase in-house data. Spectroscopic Properties: λ_{exc} 500 nm, λ_{em} 520 nm, ϵ 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5)