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## Product Datasheet

### Aminoallyl-dUTP-XX-Cy5 BYT-ORB533135

Article Name	Aminoallyl-dUTP-XX-Cy5
Biozol Catalog Number	BYT-ORB533135
Supplier Catalog Number	orb533135
Alternative Catalog Number	BYT-ORB533135-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Aminoallyl-dUTP-XX-Cy5 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 flu...
Concentration	1.0 mM-1.1 mM
Molecular Weight	Theoretical MW: 1388.33 g/mol (free acid), Detected MW: 1387.40 g/mol (free acid)
Purity	95% (HPLC)
Form	filtered solution (30 kDa) in 10 mM Tris-HCl, Color: blue, pH: 7.5 0.5
Formula	C57H80N7O23P3S2
Application Notes	Application Notes: Incorporation into DNA/cDNA by: PCR with Taqpolymerasein-house data, Nick Translation with DNase I/DNA Polymerase lin-house data. Spectroscopic Propertie: lambdaexc 649 nm, lambdaem 670 nm, epsilon 250.0 L mmol-1, cm-1 (Tris-HCl pH 7.5)