

## Product Datasheet

### Aminoallyl-dUTP-ATTO-425 (orb1733889)

<b>Description</b>	Aminoallyl-dUTP-ATTO425 is recommended for direct enzymatic labeling of DNA/cDNA e.g. by PCR and Nic...
<b>Form/Appearance</b>	solution in water; Color: green-yellow; pH: 7.5 ± 0.5
<b>Concentration</b>	1.0 mM-1.1 mM
<b>Storage</b>	store at -20 °C. Short term exposure (up to 1 week cumulative) to ambient temperature possible
<b>Note</b>	For research use only
<b>Application notes</b>	Incorporation into DNA/cDNA by: PCR with Taqpolymerasein-house data; Nick Translation with DNase I/DNA Polymerase lin-house data. <b>Spectroscopic Propertie:</b> λ <sub>exc</sub> 439 nm, λ <sub>em</sub> 485 nm, ε 45.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5).
<b>Formula</b>	C <sub>34</sub> H <sub>45</sub> N <sub>4</sub> O <sub>19</sub> P <sub>3</sub>
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 906.66 g/mol (free acid); Detected MW: 906.16 g/mol (free acid)
<b>SMILES</b>	<chem>O=C(OCC)c1cc2c(oc1=O)cc1N(CCCC(=O)NC/C=C/c3cn(c(=O)[nH]c3=O)[C@H]3C[C@@H]([C@H](O3)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)C(C)(C)CC(C)c1c2</chem>
<b>Expiration Date</b>	12 months from date of receipt.