

## Product Datasheet

### Azide-PEG4-aminoallyl-dUTP (orb65282)

<b>Description</b>	Azide-PEG 4-aminoallyl-dUTP is recommended for two-step labeling of DNA/cDNA e.g. by PCR. It is enzy...
<b>Form/Appearance</b>	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
<b>Concentration</b>	10 mM-11 mM
<b>Storage</b>	store at -20 °C
<b>Note</b>	For research use only
<b>Application notes</b>	Incorporation into DNA/cDNA by PCR with Taqpolymerasein-house data; 3'-End Labeling with Terminal deoxynucleotidyl Transferase (TdT). <b>Spectroscopic Propertie:</b> λ <sub>max</sub> 289 nm, ε 7.1 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5).
<b>Formula</b>	C <sub>23</sub> H <sub>39</sub> N <sub>6</sub> O <sub>19</sub> P <sub>3</sub>
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 796.51 g/mol (free acid); Detected MW: 796.15 g/mol (free acid)
<b>SMILES</b>	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)[nH]c(=O)c(c1)/C=C/CNC(=O)CCOCCOCCOCCOCCN=[N+]=[N-])O
<b>Expiration Date</b>	12 months from date of receipt.