

## Product Datasheet

### 5-Propargylamino-dCTP (ATTO-Rho13) (orb64880)

<b>Description</b>	5-Propargylamino-dCTP conjugated to ATTO-Rho13.
<b>Form/Appearance</b>	solution in water; pH: 7.5 ± 0.5
<b>Concentration</b>	1.0 mM-1.1 mM
<b>Storage</b>	store at -20 °C
<b>Note</b>	For research use only
<b>Application notes</b>	<b>Spectroscopic Propertie:</b> λ <sub>exc</sub> 603 nm, λ <sub>em</sub> 627 nm, ε 120.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5).
<b>Formula</b>	C <sub>53</sub> H <sub>64</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub>
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 1148.05 g/mol (free acid); Detected MW: 1147.36 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)n1c(=O)nc(c(c1)C#CCNC(=O)CCCN(C(=O)c1c(C2=c3cc4c(=[N+](C(C=C4C)(C)C)CC)cc3Oc3c2cc2c(c3)N(C(C=C2C)(C)C)CC)cccc1)C)N)O
<b>Expiration Date</b>	12 months from date of receipt.