

## Product Datasheet

### 5-Propargylamino-ddUTP (ATTO-540Q) (orb64808)

|                          |                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | 5-Propargylamino-ddUTP conjugated to ATTO-540Q.                                                                                     |
| <b>Form/Appearance</b>   | solution in water; pH: 7.5 ± 0.5                                                                                                    |
| <b>Concentration</b>     | 0.50 mM-0.55 mM                                                                                                                     |
| <b>Storage</b>           | store at -20 °C                                                                                                                     |
| <b>Note</b>              | For research use only                                                                                                               |
| <b>Application notes</b> | <b>Spectroscopic Propertie:</b> $\lambda_{exc}$ 543 nm, $\epsilon$ 105.0 L mmol <sup>-1</sup> cm <sup>-1</sup> , (Tris-HCl pH 7.5). |
| <b>Formula</b>           | C <sub>12</sub> H <sub>18</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub> -ATTO 540Q                                            |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                        |
| <b>MW</b>                | Theoretical MW: 1045.20 g/mol (free acid)                                                                                           |
| <b>SMILES</b>            | <chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)[nH]c(=O)c(c1)C#CCN*</chem>                                            |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                     |