

## Product Datasheet

### 7-Propargylamino-7-deaza-ddATP (ATTO-Thio12) (orb64669)

|                          |                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | 7-Propargylamino-7-deaza-ddATP conjugated to ATTO-Thio12.                                                                                         |
| <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> λ <sub>exc</sub> 582 nm, λ <sub>em</sub> 607 nm, ε 110.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5). |
| <b>Formula</b>           | C <sub>43</sub> H <sub>49</sub> N <sub>8</sub> O <sub>13</sub> P <sub>3</sub> S                                                                   |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                                      |
| <b>MW</b>                | Theoretical MW: 1010.88 g/mol (free acid)                                                                                                         |
| <b>SMILES</b>            | OP(=O)([O-])OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(N)ncnc23)C#CCN C(=O)CCCN(C(=O)c2c(ccc2)c2c3c(sc4c2ccc(c4)N(C)C)cc(=[N+](C)C)cc3)C)CC1      |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                   |