

## Product Datasheet

### EDA-m7GDP (ATTO-540Q) (orb63683)

|                          |                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | EDA-m7GDP conjugated to ATTO-540Q.                                                                                                                                                                     |
| <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> $\lambda_{exc}$ 543 nm, $\epsilon$ 105.0 L mmol <sup>-1</sup> cm <sup>-1</sup> , (Tris-HCl pH 7.5).                                                                    |
| <b>Formula</b>           | C <sub>14</sub> H <sub>24</sub> N <sub>7</sub> O <sub>15</sub> P <sub>3</sub> -ATTO 540Q                                                                                                               |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                                                                                           |
| <b>MW</b>                | Theoretical MW: 1084.33 g/mol (free acid)                                                                                                                                                              |
| <b>SMILES</b>            | <chem>O(C(=O)NCCN*)[C@H]1[C@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@H]1O.O[C@H]1[C@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@H]1OC(=O)NCCN*</chem> |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                                                                        |