

## Product Datasheet

### EDA-ATP gamma S (ATTO-740) (orb63804)

|                          |                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | EDA-ATP gamma S conjugated to ATTO-740.                                                                                                                                          |
| <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> $\lambda_{exc}$ 743 nm, $\lambda_{em}$ 763 nm, $\epsilon$ 120.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5).                         |
| <b>Formula</b>           | C <sub>13</sub> H <sub>22</sub> N <sub>7</sub> O <sub>13</sub> P <sub>3</sub> S-ATTO 740                                                                                         |
| <b>Purity</b>            | ≥ 90% (HPLC)                                                                                                                                                                     |
| <b>MW</b>                | Theoretical MW: 1058.33 g/mol (free acid)                                                                                                                                        |
| <b>SMILES</b>            | N(CCNC(=O)O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@H]1O)*.N(CCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@@H](n2cnc3c(N)ncnc23)[C@@H]1O)* |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                                                  |