

## Product Datasheet

### EDA-ATP (ATTO-Rho6G) (orb63844)

|                          |                                                                                                                                                                                                                                                                                                                                         |
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| <b>Description</b>       | EDA-ATP conjugated to ATTO-Rho6G.                                                                                                                                                                                                                                                                                                       |
| <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> $\lambda_{exc}$ 533 nm, $\lambda_{em}$ 557 nm, $\epsilon$ 115.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5).                                                                                                                                                                                |
| <b>Formula</b>           | C <sub>44</sub> H <sub>55</sub> N <sub>10</sub> O <sub>17</sub> P <sub>3</sub>                                                                                                                                                                                                                                                          |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                                                                                                                                                                                                                            |
| <b>MW</b>                | Theoretical MW: 1088.90 g/mol (free acid); Detected MW: 1088.30 g/mol (free acid)                                                                                                                                                                                                                                                       |
| <b>SMILES</b>            | <chem>O([C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O)C(=O)NCCNC(=O)CCCN(C(=O)c1c(c2c3cc(/c(=[NH+] /CC)/cc3oc3c2cc(c(c3)NCC)C)C)cccc1)C.O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O)C(=O)NCCNC(=O)CCCN(C(=O)c1c(c2c3cc(/c(=[NH+] /CC)/cc3oc3c2cc(c(c3)NCC)C)C)cccc1)C</chem> |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                         |