

## Product Datasheet

### EDA-ATP gamma S (ATTO-Thio12) (orb63797)

|                          |                                                                                                                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | EDA-ATP gamma S conjugated to ATTO-Thio12.                                                                                                                                                                                                                                                                       |
| <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> 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>42</sub> H <sub>51</sub> N <sub>10</sub> O <sub>15</sub> P <sub>3</sub> S <sub>2</sub>                                                                                                                                                                                                                    |
| <b>Purity</b>            | ≥ 90% (HPLC)                                                                                                                                                                                                                                                                                                     |
| <b>MW</b>                | Theoretical MW: 1092.96 g/mol (free acid)                                                                                                                                                                                                                                                                        |
| <b>SMILES</b>            | [N+](=c1cc2sc3cc(N(C)C)ccc3c(c2cc1)c1c(cccc1)C(=O)N(CCCC(=O)NCNC(=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)C)(C)C.[O-]P(=S)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cnc3c(N)ncnc23)[C@H](O)[C@@H]1OC(=O)NCCNC(=O)CCCN(C(=O)c1ccccc1c1c2ccc(N(C)C)cc2sc2cc(=[N+](C)C)ccc12)C |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                                                                                                                                                                                  |