

## Product Datasheet

### EDA-GTP gamma S (ATTO-Rho6G) (orb63707)

|                          |                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | EDA-GTP gamma S 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> S                                                                                                                                                                                                                                                                        |
| <b>Purity</b>            | ≥ 90% (HPLC)                                                                                                                                                                                                                                                                                                                                            |
| <b>MW</b>                | Theoretical MW: 1120.96 g/mol (free acid); Detected MW: 1120.27 g/mol (free acid)                                                                                                                                                                                                                                                                       |
| <b>SMILES</b>            | <chem>N(CCNC(=O)O[C@H]1[C@H](n2cnc3c(=O)[nH]c(N)nc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@H]1O)C(=O)CCCN(C(=O)c1c(c2c3cc(/c(=[NH+]/CC)/cc3oc3c2cc(c(c3)NCC)C)C)cccc1)C.N(CCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@@H](n2cnc3c(=O)[nH]c(N)nc23)[C@@H]1O)C(=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.                                                                                                                                                                                                                                                                                                                         |