

## Product Datasheet

### EDA-GTP (ATTO-532) (orb63776)

|                          |                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | EDA-GTP conjugated to ATTO-532.                                                                                                                                                                                                                                                                                                                                           |
| <b>Form/Appearance</b>   | solution in water; Color: orange; 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> 532 nm, λ <sub>em</sub> 552 nm, ε 115.0 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>24</sub> P <sub>3</sub> S <sub>2</sub>                                                                                                                                                                                                                                                                             |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                                                                                                                                                                                                                                                              |
| <b>MW</b>                | Theoretical MW: 1236.96 g/mol (free acid); Detected MW: 1236.17 g/mol (free acid)                                                                                                                                                                                                                                                                                         |
| <b>SMILES</b>            | O([C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O)C(=O)NCCNC(=O)CCCN(C(=O)c1ccccc1c1c2c(oc3c1ccc(c3S(=O)(=O)O)NCC)c/c(=[NH+]\CC)/cc2)S(=O)(=O)[O-])C.O[C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1OC(=O)NCCNC(=O)CCCN(C(=O)c1ccccc1c1c2c(oc3c1ccc(c3S(=O)(=O)O)NCC)c/c(=[NH+]\CC)/cc2)S(=O)(=O)[O-])C |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                           |