

## Product Datasheet

### EDA-m7GTP (6-ROX) (orb63643)

|                          |                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | EDA-m7GTP conjugated to 6-ROX.                                                                                                                                                                                                                                                                                                                                                     |
| <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> 575 nm, λ <sub>em</sub> 600 nm, ε 82.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5).                                                                                                                                                                                                                                   |
| <b>Formula</b>           | C <sub>47</sub> H <sub>52</sub> N <sub>9</sub> O <sub>19</sub> P <sub>3</sub>                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW</b>                | Theoretical MW: 1139.90 g/mol (free acid)                                                                                                                                                                                                                                                                                                                                          |
| <b>SMILES</b>            | <chem>c1c(ccc(c1C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCC1)CCCc3c2)C(=O)[O-])C(=O)NCCNC(=O)O[C@H]1[C@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)([O-])O)[C@H]1O.c1c(ccc(c1C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCC1)CCCc3c2)C(=O)[O-])C(=O)NCCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=O)([O-])O)O[C@@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)[C@@H]1O</chem> |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                    |