

## Product Datasheet

### N6-(6-Amino)hexyl-dATP (6-JOE) (orb63357)

|                          |                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | N6-(6-Amino)hexyl-dATP conjugated to 6-JOE.                                                                                                      |
| <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> 520 nm, λ <sub>em</sub> 548 nm, ε 75.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5). |
| <b>Formula</b>           | C <sub>39</sub> H <sub>41</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>20</sub> P <sub>3</sub>                                                    |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                                     |
| <b>MW</b>                | Theoretical MW: 1076.10 g/mol (free acid)                                                                                                        |
| <b>SMILES</b>            | OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cnc3c(NCCCCCNC(=O)c4cc5C6(c7cc(c(O)c(Cl)c7Oc7c(Cl)c(O)c(cc67)OC)OC)OC(=O)c5cc4)ncnc23)C[C@@H]1O     |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                  |