

## Product Datasheet

### 5-Propargylamino-ddUTP (MANT) (orb64776)

|                          |                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | 5-Propargylamino-ddUTP conjugated to MANT.                                                                                                      |
| <b>Form/Appearance</b>   | solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5                                                                           |
| <b>Concentration</b>     | 5.0 mM-5.5 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> 335 nm, λ <sub>em</sub> 440 nm, ε 2.7 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5). |
| <b>Formula</b>           | C <sub>20</sub> H <sub>25</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub>                                                                   |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                                    |
| <b>MW</b>                | Theoretical MW: 638.35 g/mol (free acid)                                                                                                        |
| <b>SMILES</b>            | <chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)[nH]c(=O)c(c1)C#CCNC(=O)c1ccccc1NC</chem>                                          |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                 |