

## Product Datasheet

### 5-Propargylamino-ddCTP (ATTO-MB2) (orb64838)

<b>Description</b>	5-Propargylamino-ddCTP conjugated to ATTO-MB2.
<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> λabs 668 nm, ε 100.0 L mmol <sup>-1</sup> cm <sup>-1</sup> , (Tris-HCl pH 7.5).
<b>Formula</b>	C <sub>31</sub> H <sub>38</sub> N <sub>7</sub> O <sub>13</sub> P <sub>3</sub> S <sub>1</sub>
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 841.66 g/mol (free acid); Detected MW: 841.15 g/mol (free acid)
<b>SMILES</b>	C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)([O-])O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCCN(c1cc2c(nc3c(cc(=[N+](C)C)cc3)s2)cc1)C)N
<b>Expiration Date</b>	12 months from date of receipt.