

Product Datasheet

5-Propargylamino-ddCTP (DYQ-660) (orb64824)

Description	5-Propargylamino-ddCTP conjugated to DYQ-660.
Form/Appearance	solution in water; Color: blue; pH: 7.5 ± 0.5
Concentration	0.50 mM-0.55 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 660 nm, ε 109.0 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5), λ _{exc} 660 nm, ε 140.0 L mmol ⁻¹ cm ⁻¹ (Ethanol).
Formula	C ₅₁ H ₆₁ N ₆ O ₁₇ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1155.06 g/mol (free acid); Detected MW: 1154.38 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCCCCN1/C(=C/C=C/c2c3c([o+])c(c4cccc4)c2C)cc(N(CC)CC)cc3)/C(C)(C)c2cc(ccc12)S(=O)(=O)[O-])N</chem>
Expiration Date	12 months from date of receipt.