

Product Datasheet

5-Propargylamino-dCTP (DYQ-661) (orb64869)

Description	5-Propargylamino-dCTP conjugated to DYQ-661.
Form/Appearance	solution in water; 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} 662 nm, ε 104.0 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5), λ _{exc} 662 nm, ε 140.0 L mmol ⁻¹ cm ⁻¹ (Ethanol), Please note: DYQ661 is not a dark quencher, λ _{em} 690 nm.
Formula	C ₅₁ H ₆₀ N ₆ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1250.10 g/mol (Anion)
SMILES	<chem>N(CC#Cc1cn(c(=O)nc1N)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H](C1)O)C(=O)CCCC1(c2cc(ccc2N)/C1=C\C=C\c1c2c(cc(N(CC)CC)cc2)[o+])c(c2ccccc2)c1C)CCCS(=O)(=O)[O-])S(=O)(=O)O)C</chem>
Expiration Date	12 months from date of receipt.