

Product Datasheet

5-Propargylamino-ddCTP (DYQ-661) (orb64823)

Description	5-Propargylamino-ddCTP 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 ₂₀ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1234.10 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)CC1)C(=O)CCCC1(c2cc(ccc2N/C1=C\C=C\c1c2c(cc(N(CC)CC)c2)[o+])c(c2ccccc2)c1C)CCCS(=O)(=O)[O-])S(=O)(=O)OC</chem>
Expiration Date	12 months from date of receipt.