

Product Datasheet

Aminoallyl-dUTP (DYQ-661) (orb64131)

Description	Aminoallyl-dUTP conjugated to DYQ-661.
Form/Appearance	solution in water; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 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 ₆₁ N ₅ O ₂₂ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1253.10 g/mol (Anion)
SMILES	<chem>P(=O)(OP(=O)(O)O)(O)OP(=O)(O)OC[C@H]1O[C@H](C[C@@H]1O)n1c(=O)[nH]c(=O)c(c1)/C=C/CNC(=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)OC</chem>
Expiration Date	12 months from date of receipt.