

Product Datasheet

Aminoallyl-dUTP (DYQ-660) (orb64132)

Description	Aminoallyl-dUTP conjugated to DYQ-660.
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} 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 ₆₂ N ₅ O ₁₉ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1174.05 g/mol (free acid)
SMILES	<chem>C(/C=C/c1cn(c(=O)[nH]c1=O)[C@H]1C[C@@H]([C@H](O1)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)NC(=O)CCCCCN1c2ccc(cc2C(/C1=C\C=C\c1c(c([o+])c2cc(ccc12)N(CC)CC)c1ccccc1)C)(C)C)S(=O)(=O)[O-]</chem>
Expiration Date	12 months from date of receipt.