

Product Datasheet

Aminoallyl-UTP (ATTO-590) (orb64111)

Description	Aminoallyl-UTP conjugated to ATTO-590.
Form/Appearance	solution in water; Color: red-violet; 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} 593 nm, λ_{em} 622 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₉ H ₅₆ N ₅ O ₁₉ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1111.92 g/mol (free acid); Detected MW: 1111.28 g/mol (free acid)
SMILES	<chem>O[C@@H]1[C@@H]([C@H](O[C@H]1n1cc(/C=C/CNC(=O)c2cc(c(cc2)C(=O)[O-])C2=c3c(Oc4c2cc2c(c4)N(C(C=C2C)(C)C)CC)cc2=[N+](C(C=C(c2c3)C)(C)C)CC)c(=O)[nH]c1=O)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)O[C@@H]1[C@@H]([C@H](O[C@H]1n1cc(/C=C/CNC(=O)c2ccc(c(c2)C(=O)[O-])C2=c3c(Oc4c2cc2c(c4)N(C(C=C2C)(C)C)CC)cc2=[N+](C(C=C(c2c3)C)(C)C)CC)c(=O)[nH]c1=O)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)O</chem>
Expiration Date	12 months from date of receipt.