

Product Datasheet

Aminoallyl-dUTP (ATTO-594) (orb64157)

Description	Aminoallyl-dUTP conjugated to ATTO-594.
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} 603 nm, λ_{em} 626 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₃ H ₆₅ N ₆ O ₂₃ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1311.16 g/mol (free acid); Detected MW: 1310.28 g/mol (free acid)
SMILES	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)[nH]c(=O)c(c1)/C=C/CNC(=O)CCCN(C(=O)c1c(cccc1)C1=c2c(Oc3c1cc1c(c3)N(C(C=C1CS(=O)(=O)O)(C)C)CC)cc1=[N+](C(C=C(c1c2)CS(=O)(=O)[O-])(C)C)CC)C)O
Expiration Date	12 months from date of receipt.