

Product Datasheet

5-Propargylamino-ddUTP (ATTO-565) (orb64806)

Description	5-Propargylamino-ddUTP conjugated to ATTO-565.
Form/Appearance	solution in water; Color: red; 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} 564 nm, λ_{em} 590 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₃ H ₄₆ N ₅ O ₁₇ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 997.78 g/mol (free acid); Detected MW: 997.21 g/mol (free acid)
SMILES	<chem>O=C(NCC#Cc1cn(c(=O)[nH]c1=O)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)CC1)c1cc(c(C(=O)[O-])cc1)C1=c2c(Oc3c1cc1c(c3)N(CCC1)CC)cc1=[N+](CCCC1c2)CC.O=C(NCC#Cc1cn(c(=O)[nH]c1=O)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)CC1)c1cc(C(=O)[O-])c(C2=c3cc4CCCC[N+](=c4cc3Oc3cc4N(CC)CCCC4cc23)CC)cc1</chem>
Expiration Date	12 months from date of receipt.