

Product Datasheet

5-Propargylamino-CTP (ATTO-565) (orb64945)

Description	5-Propargylamino-CTP 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 ₄₇ N ₆ O ₁₈ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1028.79 g/mol (free acid); Detected MW: 1028.22 g/mol (free acid)
SMILES	<chem>CCN1CCCc2cc3c(cc12)Oc1cc2=[N+](CC)CCCc2cc1=C3c1c(ccc(c1)C(=O)NCC#Cc1cn(c(=O)nc1N)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]([C@H]1O)O)C(=O)[O-].c1(C(=O)NCC#Cc2cn(c(=O)nc2N)[C@@H]2O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]([C@H]2O)O)cc(c(cc1)C1=c2c(Oc3c1cc1c(c3)N(CCC1)CC)cc1=[N+](CCCc1c2)CC)C(=O)[O-]</chem>
Expiration Date	12 months from date of receipt.