

Product Datasheet

5-Propargylamino-CTP (ATTO-680) (orb64935)

Description	5-Propargylamino-CTP conjugated to ATTO-680.
Form/Appearance	solution in water; Color: blue; 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} 681 nm, λ_{em} 698 nm, ϵ 125.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₉ H ₄₈ N ₇ O ₁₉ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1043.82 g/mol (free acid); Detected MW: 1043.19 g/mol (free acid)
SMILES	[C@@H]1([C@H]([C@@H]([C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c1)C#CCNC(=O)CCCN1c2c(C(=CC1(C)C)CS(=O)(=O)[O-])cc1c(c2)Oc2c(=N1)cc1c(=[N+](CCC1)CC)c2)N)O)O
Expiration Date	12 months from date of receipt.