

Product Datasheet

7-Propargylamino-7-deaza-ddATP (DYQ-660) (orb64662)

Description	7-Propargylamino-7-deaza-ddATP conjugated to DYQ-660.
Form/Appearance	solution in water; pH: 7.5 ± 0.5
Concentration	0.50 mM-0.55 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 660 nm, ε 109.0 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5), λ _{exc} 660 nm, ε 140.0 L mmol ⁻¹ cm ⁻¹ (Ethanol).
Formula	C ₅₃ H ₆₂ N ₇ O ₁₆ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1178.09 g/mol (free acid)
SMILES	<chem>c1(ccc2c(c1)C(/C(=C\C=C\C1c(c([o+]c3cc(ccc13)N(CC)CC)c1ccccc1)C)/N2CCCCC(=O)NCC#Cc1cn(c2ncnc(N)c12)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)O)CC1)(C)C)S(=O)(=O)[O-]</chem>
Expiration Date	12 months from date of receipt.