

Product Datasheet

7-Propargylamino-7-deaza-ddATP (5/6-TAMRA) (orb64703)

Description	7-Propargylamino-7-deaza-ddATP conjugated to 5/6-TAMRA.
Form/Appearance	solution in water; Color: pink to red; 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} 545 nm, λ _{em} 575 nm, ε 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₉ H ₄₀ N ₇ O ₁₅ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 939.70 g/mol (free acid)
SMILES	OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(N)ncnc23)C#CCNC(=O)c2cc(c(cc2)C(=O)[O-])c2c3c(oc4c2ccc(c4)N(C)C)cc(=[N+](C)C)cc3)CC1.OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(N)ncnc23)C#CCNC(=O)c2ccc(c(c2)C(=O)[O-])c2c3c(oc4c2ccc(c4)N(C)C)cc(=[N+](C)C)cc3)CC1
Expiration Date	12 months from date of receipt.