

Product Datasheet

7-Propargylamino-7-deaza-ddATP (ATTO-488) (orb64695)

Description	7-Propargylamino-7-deaza-ddATP conjugated to ATTO-488.
Form/Appearance	solution in water; Color: yellow; 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 Properties: λ_{exc} 500 nm, λ_{em} 520 nm, ϵ 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₉ H ₄₁ N ₈ O ₂₀ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1098.83 g/mol (free acid); Detected MW: 1098.11 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)CCCN(C(=O)c2ccccc2c2c3c(oc4c2ccc(c4S(=O)(=O)O)N)c(c(=[NH2+])cc3)S(=O)(=O)[O-])C)CC1
Expiration Date	12 months from date of receipt.