

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (ATTO-532) (orb64636)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to ATTO-532.
Form/Appearance	solution in water; Color: orange; 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} 532 nm, λ _{em} 552 nm, ε 115.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₃ H ₄₉ N ₈ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1170.94 g/mol (free acid); Detected MW: 1170.17 g/mol (free acid)
SMILES	<chem>OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(=O)[nH]c(nc23)N)C#CCNC(=O)CCCN(C(=O)c2c(cccc2)c2c3c(oc4c2cc/c(=[NH+]/CC)/c4S(=O)(=O)[O-])c(c(cc3)NCC)S(=O)(=O)O)C)CC1</chem>
Expiration Date	12 months from date of receipt.