

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (6-ROX) (orb64648)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to 6-ROX.
Form/Appearance	solution in water; Color: purple; pH: 7.5 ± 0.5
Concentration	0.5 mM-0.55 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 575 nm, λ _{em} 600 nm, ε 82.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₇ H ₄₈ N ₇ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1059.85 g/mol (free acid); Detected MW: 1059.24 g/mol (free acid)
SMILES	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)c2ccc(c(C3=c4cc5CCC[N+]6=c5c(CCC6)c4Oc4c5CCCN6CCCc(c56)cc34)c2)C(=O)[O-])CC1
Expiration Date	12 months from date of receipt.