

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (Texas Red) (orb64566)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to Texas Red.
Form/Appearance	solution in water; Color: red-violet; 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} 588 nm, λ _{em} 609 nm, ε 80.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₁ H ₅₉ N ₈ O ₁₉ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1245.11 g/mol (free acid)
SMILES	<chem>C1CCN2CCCC3c2c1c1Oc2c4CCC[N+]5=c4c(CCC5)cc2=C(c1c3)c1ccc(cc1S(=O)(=O)[O-])S(=O)(=O)NCCCCCCC(=O)NCC#Cc1cn(c2nc([nH]c(=O)c12)N)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)CC1.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)CCCCCNS(=O)(=O)c2c(C3=c4cc5CCC[N+]6=c5c(CCC6)c4Oc4c5CCCN6CCCC(c56)cc34)ccc(c2)[C](=O)(=O)[O-])CC1</chem>
Expiration Date	12 months from date of receipt.