

Product Datasheet

gamma-(6-Aminohexyl)-dGTP - ATTO-532 (orb533255)

Description	gamma-(6-Aminohexyl)-dGTP - ATTO-532
Form/Appearance	solution in water; Color: orange; 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 Propertie: λ _{exc} 532 nm, λ _{em} 552 nm, ε 115.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₅ H ₅₈ N ₉ O ₂₂ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1234.04 g/mol (free acid); Detected MW: 1233.24 g/mol (free acid)
SMILES	<chem>O=c1[nH]c(nc2c1ncn2[C@@H]1O[C@@H]([C@@H](O)C1)COP(=O)(OP(=O)(OP(=O)(OCCCCCNC(=O)CCCN(C(=O)c1c(ccc1)c1c2c(oc3c1cc/c(=[NH+]/CC)/c3S(=O)(=O)[O-])c(c(cc2)NCC)S(=O)(=O)O)C)O)O)N</chem>
Expiration Date	12 months from date of receipt.