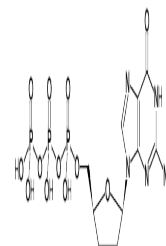


Product Datasheet

ddGTP (orb65372)

Description	ddGTP
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	Store at -20 °C, Short term exposure (up to 1 week cumulative) to ambient temperature possible.
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 252 nm, ε 14.2 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃
Purity	≥ 98% (HPLC)
MW	Theoretical MW: 491.18 g/mol (free acid); Detected MW: 491.00 g/mol (free acid)
SMILES	<chem>Nc1[nH]c(=O)c2ncn(c2n1)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)CC1</chem>
Hazard Information	Non-Toxic
Expiration Date	12 months from date of receipt.



Structural
formula of
ddGTP