

Product Datasheet

dGTPαS (orb63992)

Description	dGTPαS
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
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 252 nm, ε 13.7 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 523.24 g/mol (free acid); Detected MW: 522.97 g/mol (free acid)
CAS Number	82337-56-2
SMILES	<chem>Nc1[nH]c(=O)c2c(n([C@H]3C[C@@H]([C@H](O3)COP(=S)(O)OP(=O)(O)OP(=O)(O)O)O)cn2)n1</chem>
Expiration Date	12 months from date of receipt.