

Product Datasheet

UpG (orb533252)

Description	UpG
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	100 mM-110 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 260 nm, ε 20.0 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5).
Formula	C ₁₉ H ₂₄ N ₇ O ₁₃ P
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 589.41 g/mol (free acid); Detected MW: 589.12 g/mol (free acid)
SMILES	OC[C@H]1O[C@@H](n2ccc(=O)[nH]c2=O)[C@H](O)[C@@H]1OP(=O)(O)C[C@@H]1[C@H]([C@H]([C@@H](O1)n1c2c(nc1)c(=O)[nH]c(n2)N)O)O)O
Expiration Date	12 months from date of receipt.