

Product Datasheet

8I-GppNHp (orb64226)

Description	8I-GppNHp (8I-GMPPNP)
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} 261 nm, ε 17.9 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₆ N ₆ O ₁₃ P ₃ I
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 648.09 g/mol (free acid); Detected MW: 647.90 g/mol (free acid)
SMILES	<chem>Nc1[nH]c(=O)c2c(n(c(l)n2)[C@@H]2O[C@H](COP(=O)(O)OP(=O)(O)NP(=O)(O)O)[C@@H](O)[C@H]2O)n1</chem>
Expiration Date	12 months from date of receipt.