

Product Datasheet

IMP (orb65317)

Description	IMP
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} 249 nm, ε 12.2 L mmol-1 cm-1 (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₃ N ₄ O ₈ P
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 348.21 g/mol (free acid); Detected MW: 348.05 g/mol (free acid)
SMILES	[C@@H]1([C@H]([C@@H](O[C@@H]1COP(=O)(O)[O-])n1c2c(nc1)c(=O)[nH]cn2)O)O
Expiration Date	12 months from date of receipt.