

Product Datasheet

m7GMP (orb1734152)

Description	m7GMP
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	Association to human scavenger decapping enzyme Inhibition of methyltransferase activity. Spectroscopic Propertie: λ _{max} 258/280 nm, ε 9.8/8.0 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5).
Formula	C ₁₁ H ₁₆ N ₅ O ₈ P
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 377.25 g/mol (free acid); Detected MW: 377.07 g/mol (free acid)
CAS Number	47442-17-1
SMILES	<chem>C[n+]1cn(c2nc(N)[nH]c(=O)c12)[C@@H]1O[C@H](COP(=O)(O)[O-])[C@@H](O)[C@H]1O</chem>
Expiration Date	12 months from date of receipt.