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Product Datasheet

AP3G (A cap) - Solution BYT-ORB1733338

Article Name	AP3G (A cap) - Solution
Biozol Catalog Number	BYT-ORB1733338
Supplier Catalog Number	orb1733338
Alternative Catalog Number	BYT-ORB1733338-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	GP3A, GpppA, G(5)ppp(5)A, A(5)ppp(5)G...
Concentration	100-110 mM
Molecular Weight	Theoretical MW: 772.41 g/mol (free acid), Detected MW: 772.08 g/mol (free acid)
Purity	95% (HPLC)
Form	solution in water, Color: colorless to slightly yellow, pH: 7.5 0.5
Formula	C ₂₀ H ₂₇ N ₁₀ O ₁₇ P ₃
Application Notes	Application Notes: Synthesis of mRNA with a non-functional cap analog (ApppG) to estimate the level of cap-independent translation, Investigation of stress related (Near UV and oxidation) product formation in bacteria. Spectroscopic Propertie: lambda 259 nm, epsilon 27.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH, 7.5)