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## Product Datasheet

### AP3G (A cap) - Solid BYT-ORB1733746

Article Name	AP3G (A cap) - Solid
Biozol Catalog Number	BYT-ORB1733746
Supplier Catalog Number	orb1733746
Alternative Catalog Number	BYT-ORB1733746-5
Manufacturer	Biorbyt
Category	Sonstiges
Product Description	(ApppG), GP3A, GpppA, G(5)ppp(5)A...
Molecular Weight	Theoretical MW: 772.41 g/mol (free acid), Detected MW: 772.08 g/mol (free acid)
Purity	95% (HPLC)
Form	solid, Color: white to off-white
Formula	C <sub>20</sub> H <sub>27</sub> N <sub>10</sub> O <sub>17</sub> P <sub>3</sub>
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 <sup>-1</sup> cm <sup>-1</sup>