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## Product Datasheet

**ATP - Solution, CAS [[987-65-5]]**  
**BYT-ORB64059**

Article Name	ATP - Solution, CAS [[987-65-5]]
Biozol Catalog Number	BYT-ORB64059
Supplier Catalog Number	orb64059
Alternative Catalog Number	BYT-ORB64059-1
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Ultrapure ATP supplied as clear aqueous solution....
Concentration	100 mM 2%
Molecular Weight	Theoretical MW: 507.18 g/mol (free acid)
Purity	99% (HPLC)
Form	clear aqueous solution, pH: 8.0 0.2 (22 C)
CAS Number	[987-65-5]
Formula	C10H16N5O13P3
Application Notes	<p>Application Notes: ATP-sensitive calcium channels, V-ATPases (cellular proton pumps), ATP-coupled chromatin remodelling, ATP-binding cassette transporters, ATP-grasp enzymes, Agonistic ligand, mainly for nucleoside receptor A1 Nucleoside-triphosphates can be converted by different membrane-bound phosphatases into nucleosides acting as nucleoside receptor ligands. Spectroscopic Propertie: <math>\lambda_{max}</math> 259 nm, <math>\epsilon</math> 15.1 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl, pH 7.0). Specific Ligands: Ligand for purinergic receptors: P2X1-P2X 3, P2X1/4, P2X4, P2X7, P2X1-P2X 7, P2Y1, P2Y2, P2Y11</p>