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Product Datasheet

ATPgammaS, CAS [[93839-89-5]]
BYT-ORB64057

Article Name	ATPgammaS, CAS [[93839-89-5]]
Biozol Catalog Number	BYT-ORB64057
Supplier Catalog Number	orb64057
Alternative Catalog Number	BYT-ORB64057-25
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	ATPgammaS...
Molecular Weight	Theoretical MW: 523.24 g/mol (free acid), Detected MW: 522.97 g/mol (free acid)
Purity	90% (HPLC), contains < 10% ADP
Form	solid, Color: white to off-white
CAS Number	[93839-89-5]
Formula	C10H16N5O12P3S
Application Notes	<p>Application Notes: Modulation of intracellular signalling, Signalling of purinergic receptors, Regulation of cation channels, Modulation of cytokine secretion, Substrate for kinases, 5' end labeling with T4 Polynucleotide Kinase (T4 PNK) of DNA and RNA, Agonistic ligand, mainly for nucleoside receptor A1. Nucleoside phosphates stabilized against hydrolytic degradation can directly bind to nucleoside receptors. Spectroscopic Properties: λ_{max} 259 nm, ϵ 15.4 L mmol⁻¹ cm⁻¹ (Tris-HCl, pH 7.5). Specific Ligands: Purinoreceptors, Proteasomes, Agonist for P2Y₂ and 12 receptors and for P2X₂, purinoreceptor</p>