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Product Datasheet

AICAR, CAS [[2627-69-2]] FBM-10-1092

Article Name	AICAR, CAS [[2627-69-2]]
Biozol Catalog Number	FBM-10-1092
Supplier Catalog Number	10-1092
Alternative Catalog Number	FBM-10-1092-50MG, FBM-10-1092-250MG, FBM-10-1092-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	AMPK activator...
Molecular Weight	258.24
Purity	>99% by TLC, NMR Conforms
Form	Off-white solid (MP = 213-214C)
CAS Number	[2627-69-2]
Formula	C ₉ H ₁₄ N ₄ O ₅
Application Notes	Activates AMP-activated protein kinase (AMPK). Promotes ligand-independent activation of the insulin receptor. ¹ Promotes skeletal muscle autophagy via activation of FoxO3a. ² Controls smooth muscle cell hyperproliferation in vascular disease. ³ Induces osteogenic differentiation in mesenchymal stem cells. ⁴ Inhibits proinflammatory response in glial cells. ⁵ Cell permeable.