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## Product Datasheet

### **iGP-1, CAS [[27031-00-1]] FBM-10-4747**

Article Name	iGP-1, CAS [[27031-00-1]]
Biozol Catalog Number	FBM-10-4747
Supplier Catalog Number	10-4747
Alternative Catalog Number	FBM-10-4747-5MG,FBM-10-4747-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial GPDH inhibitor...
Molecular Weight	309.32
Purity	98% by TLC NMR (Conforms)
Form	Beige solid
CAS Number	[27031-00-1]
Formula	C17H15N3O3
Application Notes	A potent and cell permeable inhibitor of the mitochondrial glycerol-3-phosphate dehydrogenase (mGPDH), IC <sub>50</sub> =6.3 M, which is selective over the cytosolic enzyme <sup>1</sup> . It does not block pyruvate uptake into cells or mitochondria and has no direct effect on glycolysis in synaptosomes. This novel inhibitor is a unique tool which may be used to investigate the role of glycerol-3-phosphate metabolism in isolated and intact systems. <sup>1</sup>