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Product Datasheet

5-Thio-D-glucose FBM-10-1398

Article Name	5-Thio-D-glucose
Biozol Catalog Number	FBM-10-1398
Supplier Catalog Number	10-1398
Alternative Catalog Number	FBM-10-1398-20MG,FBM-10-1398-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Glucose transport inhibitor...
Molecular Weight	196.2
Purity	97% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[20408-97-3]
Formula	C6H12O5S
Application Notes	A potent competitive inhibitor of the cellular transport of glucose and glucose-mediated insulin release. ¹ May be used to induce a state of glucose deprivation in laboratory animals. ² Stimulates feeding in rat models. ³ Induces Alzheimer-like changes in frontal cortex and hippocampus in rats. ⁴ Elevates renal TGF-1 at a dose that does not prevent streptozotocin diabetes in rats. ⁵