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## Product Datasheet

### 5-Thio-D-glucose, CAS [[20408-97-3]]

### FBM-10-1398

Article Name	5-Thio-D-glucose, CAS [[20408-97-3]]
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	C <sub>6</sub> H <sub>12</sub> O <sub>5</sub> S
Application Notes	A potent competitive inhibitor of the cellular transport of glucose and glucose-mediated insulin release. <sup>1</sup> May be used to induce a state of glucose deprivation in laboratory animals. <sup>2</sup> Stimulates feeding in rat models. <sup>3</sup> Induces Alzheimer-like changes in frontal cortex and hippocampus in rats. <sup>4</sup> Elevates renal TGF-1 at a dose that does not prevent streptozotocin diabetes in rats. <sup>5</sup>