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Product Datasheet

UK-5099

FBM-10-4748

Article Name	UK-5099
Biozol Catalog Number	FBM-10-4748
Supplier Catalog Number	10-4748
Alternative Catalog Number	FBM-10-4748-5MG,FBM-10-4748-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial pyruvate transporter inhibitor...
Molecular Weight	288.30
Purity	98% by TLC NMR (Conforms)
Form	Yellow solid
CAS Number	[56396-35-1]
Formula	C18H12N2O2
Application Notes	Potent inhibitor of the mitochondrial pyruvate carrier (MPC).1 Rapidly increases glucose uptake in human monocytes.2 Attenuates mitochondrial oxidative phosphorylation and increases glycolysis creating greater stem-like properties in LnCap prostate cancer cells.3 Blocks the neuroprotective action of L-lactate or pyruvate during glutamate-induced excitotoxicity.4 Inhibits pyruvate transport across the plasma membrane of trypanosomes (Ki=49 µM).5