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Product Datasheet

Fasentin, CAS [[392721-37-8]] FBM-10-3730

Article Name	Fasentin, CAS [[392721-37-8]]
Biozol Catalog Number	FBM-10-3730
Supplier Catalog Number	10-3730
Alternative Catalog Number	FBM-10-3730-5MG, FBM-10-3730-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Glucose uptake inhibitor...
Molecular Weight	279.64
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[392721-37-8]
Formula	C ₁₁ H ₉ ClF ₃ NO ₂
Application Notes	A novel inhibitor of glucose uptake which acts via inhibition of the glucose transporter GluT1 and GluT4 (IC ₅₀ =68 M). ¹ Inhibition of glucose uptake is cell type specific ² and is a promising approach to new cancer therapeutics ³ . Rescues cardiac progenitor cell dysfunction and mitochondrial fission induced by high glucose ⁴ . Sensitizes cells to FAS-induced cell death. ^{5,6}