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Product Datasheet

CGP-37157, CAS [[75450-34-9]] FBM-10-4250

Article Name	CGP-37157, CAS [[75450-34-9]]
Biozol Catalog Number	FBM-10-4250
Supplier Catalog Number	10-4250
Alternative Catalog Number	FBM-10-4250-10MG, FBM-10-4250-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MPTP inhibitor...
Molecular Weight	324.22
Purity	99% by TLC
Form	White solid
CAS Number	[75450-34-9]
Formula	C15H11Cl2NOS
Application Notes	Inhibits the mitochondrial Na ⁺ -Ca ²⁺ exchanger (NCX) in isolated heart mitochondria, IC ₅₀ =0.36 µM. ¹ Does not inhibit the plasmalemmal NCX. ² Also inhibits voltage-gated Ca ²⁺ channels in intact cells and therefore its use in cellular studies must employ adequate controls. ³ Prevents sudden death in a Guinea pig model of heart failure. ⁴ Displays pronounced cytoprotective effects in chromaffin cells ⁵ and in neuronal injury models. ⁶ Blood-brain barrier permeant.