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Product Datasheet

CDN1163, CAS [[892711-75-0]] FBM-10-4627

Article Name	CDN1163, CAS [[892711-75-0]]
Biozol Catalog Number	FBM-10-4627
Supplier Catalog Number	10-4627
Alternative Catalog Number	FBM-10-4627-5MG,FBM-10-4627-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SERCA activator...
Molecular Weight	320.39
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[892711-75-0]
Formula	C20H20N2O2
Application Notes	Allosteric activator of the sarco/endoplasmic reticulum Ca²⁺-ATPase (SERCA).^{1,2} It lowered fasting glucose levels, improved glucose tolerance, and ameliorated hepatitis steatosis in ob/ob mice.¹ CDN1163 also rescued neurons from ER-stress-induced cell death in vitro and displayed significant efficacy in a rat 6-hydroxydopamine (6-OHDA) model of Parkinsons disease.² It reduced age-related muscle atrophy and weakness in a C57BL/6J mice.³ CDN1163 decreased inflammatory cytokines and chemokines and attenuated mitochondrial dysfunction in Influenza A infected H1395 cells.⁴