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Product Datasheet

1-EBIO, CAS [[10045-45-1]] FBM-10-3204

Article Name	1-EBIO, CAS [[10045-45-1]]
Biozol Catalog Number	FBM-10-3204
Supplier Catalog Number	10-3204
Alternative Catalog Number	FBM-10-3204-10MG,FBM-10-3204-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	K+ channel activator, Cardiomyocyte differentiation...
Molecular Weight	162.19
Purity	98% by HPLC NMr (Conforms)
Form	Crystalline solid
CAS Number	[10045-45-1]
Formula	C9H10N2O
Application Notes	A direct activator of small-conductance Ca ²⁺ -activated K ⁺ channels (SK) which dose-dependently relaxes rat mesenteric vessels. ¹ Reverses ischemia-induced cognitive impairment ² and displays neuroprotective effects in ischemia-induced neuronal cell death ³ . Induces embryonic stem cell differentiation into cardiomyocytes and enrichment of pacemaker-like cells. ⁴ Induces production of superoxide and hydrogen peroxide in neutrophils with subsequent apoptosis. ⁵