

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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 <sup>2+</sup> -activated K <sup>+</sup> channels (SK) which dose-dependently relaxes rat mesenteric vessels. <sup>1</sup> Reverses ischemia-induced cognitive impairment <sup>2</sup> and displays neuroprotective effects in ischemia-induced neuronal cell death <sup>3</sup> . Induces embryonic stem cell differentiation into cardiomyocytes and enrichment of pacemaker-like cells. <sup>4</sup> Induces production of superoxide and hydrogen peroxide in neutrophils with subsequent apoptosis. <sup>5</sup>