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## Product Datasheet

### **BG45, CAS [[926259-99-6]]** **FBM-10-5638**

Article Name	BG45, CAS [[926259-99-6]]
Biozol Catalog Number	FBM-10-5638
Supplier Catalog Number	10-5638
Alternative Catalog Number	FBM-10-5638-5MG, FBM-10-5638-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HDAC3 selective inhibitor...
Molecular Weight	214.23
Purity	>98% by HPLC NMR (Conforms)
Form	Beige solid
CAS Number	[926259-99-6]
Formula	C11H10N4O
Application Notes	Potent and selective HDAC3 inhibitor (IC50 = 289 nM), IC50s for HDAC1, 2 and 6 = 2, 2.2 and >20 mM respectively.1 Inhibits tumor growth in a mouse xenograft model of human multiple myeloma.1 Downregulates expression of DNA methyltransferase 1.2 Increases expression of synaptic proteins in exogenous Abeta-treated cells and mice.3 Rescues synaptic damage and neuron loss in APP-transfected cells (15 mM) and APP/PS1 mice (30 mg/kg).4