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Product Datasheet

Vinpocetine, CAS [[42971-09-5]] FBM-10-1126

Article Name	Vinpocetine, CAS [[42971-09-5]]
Biozol Catalog Number	FBM-10-1126
Supplier Catalog Number	10-1126
Alternative Catalog Number	FBM-10-1126-50MG, FBM-10-1126-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PDE1 inhibitor...
Molecular Weight	350.45
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[42971-09-5]
Formula	C22H26N2O2
Application Notes	Phosphodiesterase PDE1 inhibitor (IC50=21 µM)1. Also blocks voltage-gated Na+ channels, IC50=44.2 µM (potency similar to phenytoin), a mechanism which may contribute to its neuroprotective and anticonvulsant activity2. It reduces inflammatory IL-1beta and TNF-alpha expression in rat hippocampus3. Displays beneficial effects in a rat model of cerebral ischemia-reperfusion injury4. Exerts neuroprotective effects by suppressing microglial inflammation5.