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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 (IC <sub>50</sub> =21 µM) <sup>1</sup> . Also blocks voltage-gated Na <sup>+</sup> channels, IC <sub>50</sub> =44.2 µM (potency similar to phenytoin), a mechanism which may contribute to its neuroprotective and anticonvulsant activity <sup>2</sup> . It reduces inflammatory IL-1β and TNF-α expression in rat hippocampus <sup>3</sup> . Displays beneficial effects in a rat model of cerebral ischemia-reperfusion injury <sup>4</sup> . Exerts neuroprotective effects by suppressing microglial inflammation <sup>5</sup> .