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