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## Product Datasheet

### Memantine HCl, CAS [[41100-52-1]] FBM-10-2346

Article Name	Memantine HCl, CAS [[41100-52-1]]
Biozol Catalog Number	FBM-10-2346
Supplier Catalog Number	10-2346
Alternative Catalog Number	FBM-10-2346-50MG, FBM-10-2346-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	NMDA antagonist / Anti-Alzheimers...
Molecular Weight	215.76
Purity	98% by TLC, NMR (conforms)
Form	White solid
CAS Number	[41100-52-1]
Formula	C <sub>12</sub> H <sub>21</sub> N HCl
Application Notes	An NMDA noncompetitive, low affinity, open channel blocker, IC <sub>50</sub> ~1 µM at -60 mV in rat retinal ganglion cells. <sup>1</sup> Displays neuroprotective effects in excitotoxic conditions. <sup>2</sup> Preferentially blocks excessive NMDA receptor activity without disrupting normal activity. <sup>3</sup> A clinically well tolerated drug with therapeutic potential in numerous CNS degenerative disorders. <sup>4</sup> In clinical use for Alzheimers disease. <sup>5</sup>