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## Product Datasheet

### Antazoline HCl, CAS [[2508-72-7]] FBM-10-1144

Article Name	Antazoline HCl, CAS [[2508-72-7]]
Biozol Catalog Number	FBM-10-1144
Supplier Catalog Number	10-1144
Alternative Catalog Number	FBM-10-1144-500MG,FBM-10-1144-2G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Antihistamine and neuroprotective...
Molecular Weight	301.82
Purity	>98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[2508-72-7]
Formula	C17H19N3 HCl
Application Notes	Antazoline (2508-72-7) displays neuroprotective effects against hypoxia-induced death in neuronal cultures, the mechanism of action being inhibition of NMDA currents (IC50=4 µM). <sup>1</sup> It induces concentration-dependent stimulation of insulin secretion in rat pancreas which is mediated via imidazoline I1 receptors. <sup>2</sup> It also acts as a histamine H1 receptor antagonist (Ki=38.4 nM, human recombinant H1 receptor) <sup>3</sup> and was found to be a highly effective antiarrhythmic agent <sup>4</sup> .