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## Product Datasheet

### NE-100, CAS [[149409-57-4]] FBM-10-4200

Article Name	NE-100, CAS [[149409-57-4]]
Biozol Catalog Number	FBM-10-4200
Supplier Catalog Number	10-4200
Alternative Catalog Number	FBM-10-4200-5MG,FBM-10-4200-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Sigma-1 antagonist...
Molecular Weight	391.97
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[149409-57-4]
Formula	C23H33NO2HCl
Application Notes	NE-100 is potent inhibitor of the sigma receptor (σ) with selectivity for sigma-1 (IC50 = 1.5 nM) over sigma-2 (IC50 = 85 nM). <sup>1,2</sup> NE-100 suppressed ischemia-induced neuronal cell death in mice via upregulation of GPR78 through the ATF6 pathway resulting in suppression of ER stress-induced cell death in a sigma 1 independent manner. <sup>3</sup>