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Product Datasheet

BD1063 dihydrochloride, CAS [[206996-13-6]]

FBM-10-4211

Article Name	BD1063 dihydrochloride, CAS [[206996-13-6]]
Biozol Catalog Number	FBM-10-4211
Supplier Catalog Number	10-4211
Alternative Catalog Number	FBM-10-4211-5MG, FBM-10-4211-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Sigma-1 antagonist...
Molecular Weight	346.13
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[206996-13-6]
Formula	C ₁₃ H ₁₈ Cl ₂ N ₂ HCl
Application Notes	BD1063 is potent and selective sigma-1 antagonist (IC ₅₀ s: sigma1 = 9nM, sigma2 = 449nM). ¹ BD1063 abolished mechanical and thermal hyperalgesia in mice with carrageenan-induced acute inflammation by enhancing the action of endogenous opioid peptides of immune origin in a sigma1 dependent manner. ² BD1063 potentiated μ-opioid antinociception in mice in a sigma-dependent manner. ³ BD-1063 has been used in animal models to successfully treat compulsive eating ⁴ and excessive ethanol drinking. ⁵