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Product Datasheet

A-438079 HCl, CAS [[899431-18-6]] FBM-10-4063

Article Name	A-438079 HCl, CAS [[899431-18-6]]
Biozol Catalog Number	FBM-10-4063
Supplier Catalog Number	10-4063
Alternative Catalog Number	FBM-10-4063-5MG, FBM-10-4063-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	P2X7 antagonist...
Molecular Weight	342.61
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[899431-18-6]
Formula	C ₁₃ H ₉ Cl ₂ N ₅ HCl
Application Notes	A-438079 (899431-18-6) is a competitive P2X7 receptor antagonist (pIC ₅₀ = 6.9). ¹ Displayed antinociceptive effects in a rat model of neuropathic pain. ² A-438079 prevented the LPS-induced release of IL-1 β and attenuated LPS-induced (via intrathecal lumbar injection) mechanical hyperalgesia in rat hindpaws. ³ It prevented mechanical hyperalgesia following peripheral nerve injury. ⁴ A-438079 protected against cerebral ischemia/reperfusion injury in a rat model via reduction of the neuroinflammatory response. ⁵