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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                    | C13H9Cl2N5 HCl   |
| Application Notes          | A-438079 (899431-18-6) is a competitive P2X7 receptor antagonist (pIC50 = 6.9). <sup>1</sup> Displayed antinociceptive effects in a rat model of neuropathic pain. <sup>2</sup> A-438079 prevented the LPS-induced release of IL-1 $\beta$ and attenuated LPS-induced (via intrathecal lumbar injection) mechanical hyperalgesia in rat hindpaws. <sup>3</sup> It prevented mechanical hyperalgesia following peripheral nerve injury. <sup>4</sup> A-438079 protected against cerebral ischemia/reperfusion injury in a rat model via reduction of the neuroinflammatory response. <sup>5</sup> |