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Product Datasheet

C2230 **FBM-10-4955**

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| Article Name | C2230 |
| Biozol Catalog Number | FBM-10-4955 |
| Supplier Catalog Number | 10-4955 |
| Alternative Catalog Number | FBM-10-4955-5MG,FBM-10-4955-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Cav2.2 channel blocker... |
| Molecular Weight | 321.46 |
| Purity | >98% by TLC, NMR (Conforms) |
| Form | White to off-white waxy solid |
| CAS Number | [882243-88-1] |
| Formula | C19H31NO3 |
| Application Notes | C2230 is a novel Cav2.2 channel blocker (IC50 = 1.3 μ M -50 mV, 10.2 μ M -80 mV) with a unique binding mode (no GPCR-mediated inhibition). It displays preferential binding to the inactive state of the channel. C2230 is active in both rat and human DRG neurons. Active in rat models of neuropathic pain and mouse models of osteoarthritis. C2230 does not affect somatosensation or motor and cardiac function. |