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## Product Datasheet

### **C2230** **FBM-10-4955**

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | C2230                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Artikelnummer            | FBM-10-4955                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Hersteller Artikelnummer | 10-4955                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alternativnummer         | FBM-10-4955-5MG,FBM-10-4955-25MG                                                                                                                                                                                                                                                                                                                                                                                                 |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                               |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Produktbeschreibung      | Cav2.2 channel blocker...                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molekulargewicht         | 321.46                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reinheit                 | >98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formulierung             | White to off-white waxy solid                                                                                                                                                                                                                                                                                                                                                                                                    |
| CAS Nummer               | [882243-88-1]                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formel                   | C19H31NO3                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Anwendungsbeschreibung   | C2230 is a novel Cav2.2 channel blocker (IC <sub>50</sub> = 1.3 µM -50 mV, 10.2 µM -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. |