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## Product Datasheet

### CaCCinh-A01, CAS [[407587-33-1]] FBM-10-1600

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Artikelname              | CaCCinh-A01, CAS [[407587-33-1]]                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Artikelnummer            | FBM-10-1600                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hersteller Artikelnummer | 10-1600                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alternativnummer         | FBM-10-1600-5MG,FBM-10-1600-25MG                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Produktbeschreibung      | TMEM16A channel blocker...                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Molekulargewicht         | 347.43                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reinheit                 | >98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CAS Nummer               | [407587-33-1]                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formel                   | C18H21NO4S                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Anwendungsbeschreibung   | CaCCinh-A01 is a potent inhibitor of TMEM16A (IC50 = 2.1 mM), a calcium-activated chloride channel <sup>1</sup> . Blockade of TMEM16A with CaCCinh-A01 protects against renal fibrosis <sup>2</sup> , reduces blood brain barrier permeability, attenuates brain infarct size and neurological deficits after ischemic stroke <sup>3</sup> , and induces apoptosis and cell cycle arrest in various epithelium-originated cancer cells <sup>4</sup> . |