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## Product Datasheet

### Linopirdine dihydrochloride, CAS [[113168-57-3]] FBM-10-4654

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| Artikelname              | Linopirdine dihydrochloride, CAS [[113168-57-3]]                                                                                                                                                                                                                                                                                                                     |
| Artikelnummer            | FBM-10-4654                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller Artikelnummer | 10-4654                                                                                                                                                                                                                                                                                                                                                              |
| Alternativnummer         | FBM-10-4654-5MG,FBM-10-4654-25MG                                                                                                                                                                                                                                                                                                                                     |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                   |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                       |
| Produktbeschreibung      | Kv7 blocker...                                                                                                                                                                                                                                                                                                                                                       |
| Molekulargewicht         | 464.39                                                                                                                                                                                                                                                                                                                                                               |
| Reinheit                 | 98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                           |
| Formulierung             | Off-white solid                                                                                                                                                                                                                                                                                                                                                      |
| CAS Nummer               | [113168-57-3]                                                                                                                                                                                                                                                                                                                                                        |
| Formel                   | C26H21N3O2HCl                                                                                                                                                                                                                                                                                                                                                        |
| Anwendungsbeschreibung   | Linopirdine increases acetylcholine release and improves performance in animal models of learning and memory via blockade of Kv7 (KCNQ) voltage-gated potassium channels. <sup>1-3</sup> Linopirdine is a state-dependent blocker favoring activated single subunits of the channel. <sup>4</sup> It has also been shown to act as an agonist of TRPV1. <sup>5</sup> |