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## Product Datasheet

### Montelukast sodium, CAS [[151767-02-1]] FBM-10-2597

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| Artikelname              | Montelukast sodium, CAS [[151767-02-1]]                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Artikelnummer            | FBM-10-2597                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Hersteller Artikelnummer | 10-2597                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alternativnummer         | FBM-10-2597-50MG,FBM-10-2597-250MG                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Produktbeschreibung      | Leukotriene CysLT1 antagonist and GPR17 antagonist...                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Molekulargewicht         | 608.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reinheit                 | 98% by HPLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formulierung             | Solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CAS Nummer               | [151767-02-1]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formel                   | C35H35ClNO3S Na                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Anwendungsbeschreibung   | Potent, selective CysLT1 receptor (leukotriene D4) antagonist (Ki = 0.18 nM). <sup>1,2</sup> Displays anti-inflammatory and anti-asthmatic effects. Clinically useful agent for treatment of chronic asthma. <sup>3</sup> Attenuates chronic brain injury after focal cerebral ischemia in rodent models. <sup>4</sup> Decreases blood brain barrier dysfunction in mouse models. <sup>5</sup> Blockade of GPR17 by montelukast elevates neural stem and progenitor proliferation. <sup>6</sup> |