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## Product Datasheet

**Moxidectin, CAS [[113507-06-5]]**  
**FBM-10-4436**

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| Artikelname              | Moxidectin, CAS [[113507-06-5]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Artikelnummer            | FBM-10-4436                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Hersteller Artikelnummer | 10-4436                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alternativnummer         | FBM-10-4436-20MG,FBM-10-4436-100MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Produktbeschreibung      | Anthelmintic/YAP-TAZ blocker...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molekulargewicht         | 639.83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reinheit                 | >98% by HPLC NMR (conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CAS Nummer               | [113507-06-5]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formel                   | C37H53NO8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Anwendungsbeschreibung   | <p>Moxidectin is a macrocyclic lactone anthelmintic drug used in veterinary medicine for the treatment of various parasitic diseases. In 2018, It was approved for use in the treatment of river-blindness in humans.<sup>1</sup> Moxidectin is also being investigated as a possible treatment for scabies in humans.<sup>2</sup> Moxidectin inhibited the proliferation of several glioblastoma multiforme (GBM) cell lines via induction of apoptosis.<sup>3</sup> It inhibited the MEK-ERK pathway resulting in blocking of nuclear translocation and transcription of the YAP/TAZ-TEAD complex in GBM cells. It suppressed growth of GBM tumors by 90% in an intracranial tumor model.</p> |