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Product Datasheet

Milbemectin, CAS [[1799297-76-9]] FBM-10-5257

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| Article Name | Milbemectin, CAS [[1799297-76-9]] |
| Biozol Catalog Number | FBM-10-5257 |
| Supplier Catalog Number | 10-5257 |
| Alternative Catalog Number | FBM-10-5257-5MG, FBM-10-5257-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | RDL GABA agonist, Glutamate-gated Cl channel activator... |
| Molecular Weight | 542.71 (A4) |
| Purity | >98% HPLC, Milbemectin is a mixture of Milbemycin A3 (~30%) and Milbemycin A4 (~70%) NMR (Conforms) |
| Form | White solid |
| CAS Number | [1799297-76-9] |
| Formula | C32H46O7 (A4) |
| Application Notes | An allosteric agonist at the Drosophila RDL GABA receptor. ^{1,2} Also acts as an agonist at glutamate-gated chloride channels in insects. ³ Mutations (specifically a G326E substitution) in the glutamate-gated chloride channel 3 (GluCl3) in phytophagous mites abolishes agonist activity resulting in resistance. ⁴ Commercially used as an acaricide. |