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## Product Datasheet

### **Anle138b** **FBM-10-4945**

|                          |                                   |
|--------------------------|-----------------------------------|
| Artikelname              | Anle138b                          |
| Artikelnummer            | FBM-10-4945                       |
| Hersteller Artikelnummer | 10-4945                           |
| Alternativnummer         | FBM-10-4945-10MG,FBM-10-4945-50MG |
| Hersteller               | Focus Biomolecules                |
| Kategorie                | Biochemikalien                    |
| Produktbeschreibung      | Protein aggregation inhibitor...  |
| Molekulargewicht         | 343.18                            |
| Reinheit                 | 98% by HPLC NMR (Conforms)        |
| Formulierung             | White solid                       |
| CAS Nummer               | [882697-00-9]                     |
| Formel                   | C16H11BrN2O2                      |

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| Anwendungsbeschreibung | <p>Anle138b is an aggregation inhibitor that modulates the formation of pathological oligomers of both prion and -synuclein.<sup>1</sup> In mouse models of prion and diseases and Parkinsons disease, Anle138b strongly inhibited oligomer formation, neuronal degeneration, and disease progression even after disease onset.<sup>1,2</sup> Anle138b has delayed disease progression and prevented motor decline in multiple neurodegenerative models.<sup>3-6</sup> Treatment of melanoma cells with anle138b caused massive cell death via major dysregulation of autophagy revealing a protective effect of -synuclein on autophagy in these cells.<sup>7</sup> Orally bioavailable and able to cross the blood-brain barrier.</p> |
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