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## Product Datasheet

**Anle138b, CAS [[882697-00-9]]**

**FBM-10-4945**

Article Name	Anle138b, CAS [[882697-00-9]]
Biozol Catalog Number	FBM-10-4945
Supplier Catalog Number	10-4945
Alternative Catalog Number	FBM-10-4945-10MG,FBM-10-4945-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Protein aggregation inhibitor...
Molecular Weight	343.18
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[882697-00-9]
Formula	C16H11BrN2O2
Application Notes	<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>