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Product Datasheet

Anle138b

FBM-10-4945

Article Name	Anle138b
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	Anle138b is an aggregation inhibitor that modulates the formation of pathological oligomers of both prion and -synuclein.¹ In mouse models of prion and diseases and Parkinsons disease, Anle138b strongly inhibited oligomer formation, neuronal degeneration, and disease progression even after disease onset.^{1,2} Anle138b has delayed disease progression and prevented motor decline in multiple neurodegenerative models.³⁻⁶ 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.⁷ Orally bioavailable and able to cross the blood-brain barrier.