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Product Datasheet

AR7, CAS [[80306-38-3]]

FBM-10-5515

Artikelname	AR7, CAS [[80306-38-3]]
Artikelnummer	FBM-10-5515
Hersteller Artikelnummer	10-5515
Alternativnummer	FBM-10-5515-5MG,FBM-10-5515-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Activates chaperone mediated autophagy...
Molekulargewicht	257.72
Reinheit	98% by TLC NMR (Conforms)
Formulierung	Pale pink solid
CAS Nummer	[80306-38-3]
Formel	C15H12ClNO
Anwendungsbeschreibung	Atypical retinoid which acts as an RARalpha antagonist and activates chaperone-mediated autophagy (CMA) via an RAR-dependent pathway.¹ Downstream signaling results in an increase of LAMP-2A expression.¹ Cells pretreated with AR7 had markedly improved viability in a paraquat-induced oxidative stress model.¹ AR7 stimulated CMA and attenuated accumulation of SNCA oligomers in prolonged cultures of mutant cortical neurons² indicating that CMA activation may be a viable disease modifying strategy in Parkinsons disease³. A targetome analysis of AR7-induced CMA in cancer cells has been performed.⁴