

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

**AR7**

**FBM-10-5515**

Artikelname	AR7
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	<p>Atypical retinoid which acts as an RARalpha antagonist and activates chaperone-mediated autophagy (CMA) via an RAR-dependent pathway.<sup>1</sup> Downstream signaling results in an increase of LAMP-2A expression.<sup>1</sup> Cells pretreated with AR7 had markedly improved viability in a paraquat-induced oxidative stress model.<sup>1</sup> AR7 stimulated CMA and attenuated accumulation of SNCA oligomers in prolonged cultures of mutant cortical neurons<sup>2</sup> indicating that CMA activation may be a viable disease modifying strategy in Parkinsons disease<sup>3</sup>. A targetome analysis of AR7-induced CMA in cancer cells has been performed.<sup>4</sup></p>