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## Product Datasheet

### UHMCP1 FBM-10-4374

Article Name	UHMCP1
Biozol Catalog Number	FBM-10-4374
Supplier Catalog Number	10-4374
Alternative Catalog Number	FBM-10-4374-5MG,FBM-10-4374-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Spliceosome modulator...
Molecular Weight	370.37
Purity	>97% by HPLC NMR (Conforms)
Form	Off-white/beige solid
Formula	C19H27N32HCl
Application Notes	<p>UHMCP1 prevents the interaction (KD = 80 <math>\mu</math>M) between the splicing factor SF3b155 and U2AF homology motif domain (UHM) U2AF65.1 The spliceosomal gene SF3B1 (which encodes for SF3b155) is frequently mutated in cancers as is the splicing factor U2AF.2 UHMCP1 displaying toxicity against HEK293 cells (EC50 = 140 <math>\mu</math>M) and various effects on pre-mRNA accumulation or intron retention, exon skipping and inclusion.<sup>1</sup> An interesting new tool for study of the spliceosome.</p>