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Product Datasheet

CCT251236, CAS [[1693731-40-6]] FBM-10-4410

Article Name	CCT251236, CAS [[1693731-40-6]]
Biozol Catalog Number	FBM-10-4410
Supplier Catalog Number	10-4410
Alternative Catalog Number	FBM-10-4410-5MG,FBM-10-4410-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HSF stress pathway inhibitor...
Molecular Weight	552.63
Purity	98% by HPLC NMR (Conforms)
Form	Off-white/beige solid
CAS Number	[1693731-40-6]
Formula	C32H32N4O5
Application Notes	Inhibitor of the Heat Shock Transcription Factor 1 (HSF1) stress pathway (IC ₅₀ = 19 nM Inhibition HSF-1 mediated HSP72 induction, IC ₅₀ = 40 nM HSPA1A induction). ¹ It displayed efficacy in a human ovarian carcinoma xenograft mouse model (SK-OV 3 cells) and inhibited migration of WM266.4 melanoma cells 100 nM. CCT251236 showed high affinity for the protein pirin (K _i = 28 nM), but this target was not shown conclusively to be the cause of the anticancer activity. It also showed efficacy in vitro against primary patient-derived myeloma cells and H929 human myeloma xenograft models. ²