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Product Datasheet

CCT251236, CAS [[1693731-40-6]]

FBM-10-4410

Artikelname	CCT251236, CAS [[1693731-40-6]]
Artikelnummer	FBM-10-4410
Hersteller Artikelnummer	10-4410
Alternativnummer	FBM-10-4410-5MG,FBM-10-4410-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	HSF stress pathway inhibitor...
Molekulargewicht	552.63
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Off-white/beige solid
CAS Nummer	[1693731-40-6]
Formel	C32H32N4O5
Anwendungsbeschreibung	Inhibitor of the Heat Shock Transcription Factor 1 (HSF1) stress pathway (IC₅₀ = 19 nM Inhibition HSF-1 mediated HSP72 induction, IC₅₀ = 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