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Product Datasheet

Ceapin-A7, CAS [[2323027-38-7]] FBM-10-3974

Artikelname	Ceapin-A7, CAS [[2323027-38-7]]
Artikelnummer	FBM-10-3974
Hersteller Artikelnummer	10-3974
Alternativnummer	FBM-10-3974-10MG,FBM-10-3974-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	ATF6a/UPR inhibitor...
Molekulargewicht	470.33
Reinheit	98% by HPLC , NMR (Conforms)
Formulierung	White solid
CAS Nummer	[2323027-38-7]
Formel	C20H12F6N4O3
Anwendungsbeschreibung	Selective inhibitor (IC50 = 590 nM) of transcription factor ATF6alpha, one of the three branches of the unfolded protein response. ¹ It inhibits activation of ATF6alpha in response to ER stress without inhibiting ER-bound transcription factors ATF6β or SREBP or the IRE1 or PERK branches of the UPR. Ceapin-A7 also show no toxicity to unstressed cells. It induces neomorphic association of the ER and peroxisomes by directly tethering the cytosolic domain of ATF6a to the peroxisomal transporter ABCD3 without inhibiting its transporter activity. ² See companion activator 10-3973.