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Product Datasheet

Torin 1, CAS [[1222998-36-8]] FBM-10-3013

Article Name	Torin 1, CAS [[1222998-36-8]]
Biozol Catalog Number	FBM-10-3013
Supplier Catalog Number	10-3013
Alternative Catalog Number	FBM-10-3013-5MG,FBM-10-3013-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	mTOR inhibitor...
Molecular Weight	607.62
Purity	98% by HPLC, NMR (Conforms)
Form	White or off-white solid
CAS Number	[1222998-36-8]
Formula	C35H28F3N5O2
Application Notes	Potent and selective ATP-competitive mTOR inhibitor, IC ₅₀ =2 and 10 nM for mTORC1 and mTORC2 respectively. ^{1,2} Active in vivo at inhibition of mTOR-mediated effects in mice (20 mg/kg). ² Induces autophagy. ³ Torin 1-mediated enhancement of TFEB-mediated autophagy alleviates neuronal death in oxidative stress-induced disease models. ⁴ Downregulates NGF expression in RSC96 cells. ⁵