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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, IC50=2 and 10 nM for mTORC1 and mTORC2 respectively. <sup>1,2</sup> Active in vivo at inhibition of mTOR-mediated effects in mice (20 mg/kg). <sup>2</sup> Induces autophagy. <sup>3</sup> Torin 1-mediated enhancement of TFEB-mediated autophagy alleviates neuronal death in oxidative stress-induced disease models. <sup>4</sup> Downregulates NGF expression in RSC96 cells. <sup>5</sup>