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Product Datasheet

MOMIPP, CAS [[1363421-46-8]] FBM-10-4766

Article Name	MOMIPP, CAS [[1363421-46-8]]
Biozol Catalog Number	FBM-10-4766
Supplier Catalog Number	10-4766
Alternative Catalog Number	FBM-10-4766-10MG,FBM-10-4766-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Methuosis inducer...
Molecular Weight	292.33
Purity	98% by TLC NMR (Conforms)
Form	Orange solid
CAS Number	[1363421-46-8]
Formula	C18H16N2O2
Application Notes	MOMIPP is an inducer of Methuosis, a novel form of nonapoptotic cell death. ¹ Methuosis is characterized by fusion of macropinocytotic vesicles into progressively larger vacuoles resulting in a decrease in metabolic activity and rupture of the cell membrane. ² MOMIPP was able to effectively reduce the growth and viability of Temozolomide-resistant glioblastoma and doxorubicin-resistant breast cancer cells at low micromolar concentrations. MOMMIP has also been shown to disrupt vesicular trafficking at the lysosomal nexus resulting in impaired degradation of EGF and LDL receptors, defective processing of procathepsins and accumulation of autophagosomes. ³