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Product Datasheet

MOMIPP, CAS [[1363421-46-8]]

FBM-10-4766

Artikelname	MOMIPP, CAS [[1363421-46-8]]
Artikelnummer	FBM-10-4766
Hersteller Artikelnummer	10-4766
Alternativnummer	FBM-10-4766-10MG,FBM-10-4766-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Methuosis inducer...
Molekulargewicht	292.33
Reinheit	98% by TLC NMR (Conforms)
Formulierung	Orange solid
CAS Nummer	[1363421-46-8]
Formel	C18H16N2O2
Anwendungsbeschreibung	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