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Product Datasheet

Spautin-1, CAS [[1262888-28-7]]

FBM-10-1367

Article Name	Spautin-1, CAS [[1262888-28-7]]
Biozol Catalog Number	FBM-10-1367
Supplier Catalog Number	10-1367
Alternative Catalog Number	FBM-10-1367-5MG, FBM-10-1367-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Inhibits autophagy by inhibiting USP 10 and 13...
Molecular Weight	271.27
Purity	98% by TLC, NMR (Conforms)
Form	Tan solid
CAS Number	[1262888-28-7]
Formula	C15H11F2N3
Application Notes	A specific and potent autophagy inhibitor. Spautin-1 promotes the degradation of Vps34 PI3 kinase complexes by inhibiting two ubiquitin-specific proteases USP10 and USP13 which target the Beclin-1 subunit of Vps34 complexes ¹ . Deranges dengue virion maturation ² . Inhibits autophagy in a Beclin-1 independent manner in primary epithelial ovarian cancer cells ³ . Selectively induces cell death of mutant p53-expressing cancer cell lines under confluence ⁴ . Cell permeable.