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## Product Datasheet

### Blebbistatin, CAS [[674289-55-5]]

### FBM-10-2832

Article Name	Blebbistatin, CAS [[674289-55-5]]
Biozol Catalog Number	FBM-10-2832
Supplier Catalog Number	10-2832
Alternative Catalog Number	FBM-10-2832-5MG, FBM-10-2832-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Non-muscle myosin II inhibitor...
Molecular Weight	292.34
Purity	>98% by TLC NMR (Conforms)
Form	Yellow solid
CAS Number	[674289-55-5]
Formula	C18H16N2O2
Application Notes	Blebbistatin is a potent, selective, reversible, cell-permeable inhibitor of non-muscle myosin II (IC50 ~4 mM). <sup>1,2</sup> During cell division it inhibits contraction of the cleavage furrow without disrupting mitosis. <sup>1</sup> Blocks cell blebbing (hence its name) and rapidly disrupts directed cell migration and cytokinesis in many cell types. <sup>1</sup> It promotes neurite outgrowth <sup>3</sup> and is neuroprotective against vincristine-induced neurotoxicity in iPSC-derived neurons <sup>4</sup> .