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Product Datasheet

Blebbistatin, CAS [[674289-55-5]] **FBM-10-2832**

Artikelname	Blebbistatin, CAS [[674289-55-5]]
Artikelnummer	FBM-10-2832
Hersteller Artikelnummer	10-2832
Alternativnummer	FBM-10-2832-5MG, FBM-10-2832-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Non-muscle myosin II inhibitor...
Molekulargewicht	292.34
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[674289-55-5]
Formel	C18H16N2O2
Anwendungsbeschreibung	Blebbistatin is a potent, selective, reversible, cell-permeable inhibitor of non-muscle myosin II (IC50 ~4 mM). ^{1,2} During cell division it inhibits contraction of the cleavage furrow without disrupting mitosis. ¹ Blocks cell blebbing (hence its name) and rapidly disrupts directed cell migration and cytokinesis in many cell types. ¹ It promotes neurite outgrowth ³ and is neuroprotective against vincristine-induced neurotoxicity in iPSC-derived neurons ⁴ .