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Product Datasheet

Latrunculin B, CAS [[76343-94-7]] FBM-10-4303

Article Name	Latrunculin B, CAS [[76343-94-7]]
Biozol Catalog Number	FBM-10-4303
Supplier Catalog Number	10-4303
Alternative Catalog Number	FBM-10-4303-100UG,FBM-10-4303-1MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Inhibits actin polymerization and microfilament organization...
Molecular Weight	395.52
Purity	98% by TLC and HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[76343-94-7]
Formula	C ₂₀ H ₂₉ N ₅ O ₅ S
Application Notes	Inhibits actin polymerization and disrupts microfilament organization ¹ . Significantly more potent than cytochalasins in the disruption of microfilament mediated processes ² , causes shortening and thickening of stress fibers. Active in cell culture. ^{3,4} Effective doses vary depending upon cell type but are frequently in the low micromolar range. Note: Latrunculin B is slowly inactivated by fetal bovine serum.