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Product Datasheet

CK-666, CAS [[442633-00-3]] FBM-10-3346

Article Name	CK-666, CAS [[442633-00-3]]
Biozol Catalog Number	FBM-10-3346
Supplier Catalog Number	10-3346
Alternative Catalog Number	FBM-10-3346-5MG, FBM-10-3346-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ARP2/3 inhibitor...
Molecular Weight	296.34
Purity	98% by TLC, NMR (Conforms)
Form	Cream-colored solid
CAS Number	[442633-00-3]
Formula	C ₁₈ H ₁₇ FN ₂ O
Application Notes	<p>A potent, selective and reversible inhibitor of ARP2/3 complex (actin related proteins 2 and 3) with an IC₅₀ = 4 μM for human ARP2/3.1 Blocks actin nucleation and radically alters lamellipodial actin architecture, suspended cell shape and the cell spreading process.2 CK-666 attenuates BBB dysfunction induced by methamphetamine3. It is an important new tool for studying actin assembly and the diverse range of actin-related processes in normal4 and pathophysiology5.</p>