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Product Datasheet

Wiskostatin, CAS [[253449-04-6]]

FBM-10-1353

Article Name	Wiskostatin, CAS [[253449-04-6]]
Biozol Catalog Number	FBM-10-1353
Supplier Catalog Number	10-1353
Alternative Catalog Number	FBM-10-1353-5MG, FBM-10-1353-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	N-WASP inhibitor...
Molecular Weight	426.15
Purity	98% by TLC [9:1 CH ₂ Cl ₂ /CH ₃ OH R _f = 0.16] NMR (Conforms)
Form	White solid
CAS Number	[253449-04-6]
Formula	C ₁₇ H ₁₈ Br ₂ N ₂ O
Application Notes	A selective, reversible inhibitor of neural Wiskott-Aldrich syndrome protein (N-WASP) activity ¹ . Binds to the regulatory domain of N-WASP and inhibits activation of Arp2/3 complex by forcing N-WASP into an inactive conformation ² . Inhibits PIP ₂ -induced actin polymerization (EC ₅₀ =4 µM). Perturbs agrin-elicited acetylcholine receptor clustering ³ . Inhibits the formation of dendritic spines and synapses in hippocampal neurons ⁴ .