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Product Datasheet

AAL-993, CAS [[269390-77-4]] FBM-10-1034

Article Name	AAL-993, CAS [[269390-77-4]]
Biozol Catalog Number	FBM-10-1034
Supplier Catalog Number	10-1034
Alternative Catalog Number	FBM-10-1034-5MG,FBM-10-1034-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	VEGFR inhibitor...
Molecular Weight	371.36
Purity	98% by TLC [60% ethyl acetate in hexane, R _f = 0.36] NMR conforms
Form	Pale yellow solid
CAS Number	[269390-77-4]
Formula	C ₂₀ H ₁₆ F ₃ N ₃ O
Application Notes	Inhibits VEGFR-1 (IC ₅₀ = 130 nM), VEGFR-2 (IC ₅₀ = 23 nM), and VEGFR-3 (IC ₅₀ = 18 nM). PDGFR-β, cKit, and CSF-1R are also inhibited at higher concentrations (IC ₅₀ s 640 nM, 236 nM and 380 nM respectively). Screening studies have shown no inhibitory activity against a range of other kinases. X-Ray crystallography has shown that AAL-993 binds to the catalytic domain of VEGFR-2 when the protein is in an inactive conformation. Cell permeable, active in vivo and in whole animal studies.