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Product Datasheet

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

Artikelname	AAL-993, CAS [[269390-77-4]]
Artikelnummer	FBM-10-1034
Hersteller Artikelnummer	10-1034
Alternativnummer	FBM-10-1034-5MG,FBM-10-1034-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	VEGFR inhibitor...
Molekulargewicht	371.36
Reinheit	98% by TLC [60% ethyl acetate in hexane, Rf = 0.36] NMR conforms
Formulierung	Pale yellow solid
CAS Nummer	[269390-77-4]
Formel	C20H16F3N3O
Anwendungsbeschreibung	Inhibits VEGFR-1 (IC50 = 130 nM), VEGFR-2 (IC50 = 23 nM), and VEGFR-3 (IC50 = 18 nM). PDGFR-β, cKit, and CSF-1R are also inhibited at higher concentrations (IC50s 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.