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Product Datasheet

Ki8751, CAS [[228559-41-9]] FBM-10-4388

Article Name	Ki8751, CAS [[228559-41-9]]
Biozol Catalog Number	FBM-10-4388
Supplier Catalog Number	10-4388
Alternative Catalog Number	FBM-10-4388-5MG,FBM-10-4388-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	VEGFR2 inhibitor...
Molecular Weight	469.42
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[228559-41-9]
Formula	C ₂₄ H ₁₈ F ₃ N ₃ O ₄
Application Notes	Very potent (IC ₅₀ = 0.9 nM) inhibitor of vascular endothelial growth factor receptor 2 (VEGFR-2). ¹ It also inhibited PDGFRalpha (IC ₅₀ = 67 nM), c-Kit (IC ₅₀ = 40 nM), and FGFR2 (IC ₅₀ = 170 nM). Ki8751 completely suppressed HUVEC growth at 1 nM. Ki8751 completely inhibited tumor growth in LC-6 human tumor xenografts 5mg/kg. Ki8751 displayed anti-influenza A and B activity via disruption of virus entry in a PDGFRβ/GM3-dependent manner. ²