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Product Datasheet

GW788388, CAS [[452342-67-5]] FBM-10-5521

Article Name	GW788388, CAS [[452342-67-5]]
Biozol Catalog Number	FBM-10-5521
Supplier Catalog Number	10-5521
Alternative Catalog Number	FBM-10-5521-5MG,FBM-10-5521-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TGF- β receptor kinase inhibitor...
Molecular Weight	425.49
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[452342-67-5]
Formula	C ₂₅ H ₂₃ N ₅ O ₂
Application Notes	Potent inhibitor of TGF-beta receptor kinases ALK4, ALK5 (IC ₅₀ =18 nM), ALK7, and TGFbetaRII, but not BMP type II receptor kinase. ^{1,2} Blocks TGF-beta-mediated signaling, including collagen type I and VEGF, in turn reducing fibrosis and angiogenesis in various mouse models. ^{3,4} GW788388 attenuates TGF-beta-induced epithelial to mesenchymal transition (EMT) in human peritoneal mesothelial cells. ⁵