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Product Datasheet

TGX-221, CAS [[663619-89-4]]

FBM-10-4783

Article Name	TGX-221, CAS [[663619-89-4]]
Biozol Catalog Number	FBM-10-4783
Supplier Catalog Number	10-4783
Alternative Catalog Number	FBM-10-4783-5MG, FBM-10-4783-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Potent and selective PI3K β inhibitor...
Molecular Weight	364.45
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[663619-89-4]
Formula	C ₂₁ H ₂₄ N ₄ O ₂
Application Notes	TGX-221 is a potent (IC ₅₀ = 5 nM) and selective (1000-fold over p110alpha and p110gamma) inhibitor of PI3-kinase isoform p110 β . ¹ Displays anti-thrombotic activity without affecting bleeding time. ^{1,2} It significantly inhibited tumorigenesis in VHL, SETD2, PTEN, and CDKN2A mutated clear cell renal cell carcinoma. ³ TGX-221 induced apoptosis in glioblastoma cells and inhibited cell migration and invasion. ⁴