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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 $\beta$ inhibitor...
Molecular Weight	364.45
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[663619-89-4]
Formula	C <sub>21</sub> H <sub>24</sub> N <sub>4</sub> O <sub>2</sub>
Application Notes	TGX-221 is a potent (IC <sub>50</sub> = 5 nM) and selective (1000-fold over p110 $\alpha$ and p110 $\gamma$ ) inhibitor of PI3-kinase isoform p110 $\beta$ . <sup>1</sup> Displays anti-thrombotic activity without affecting bleeding time. <sup>1,2</sup> It significantly inhibited tumorigenesis in VHL, SETD2, PTEN, and CDKN2A mutated clear cell renal cell carcinoma. <sup>3</sup> TGX-221 induced apoptosis in glioblastoma cells and inhibited cell migration and invasion. <sup>4</sup>