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Product Datasheet

TGX-221, CAS [[663619-89-4]] FBM-10-4783

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| 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 p110 α and p110 γ) 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 |