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Product Datasheet

KC7F2, CAS [[927822-86-4]] FBM-10-4714

Article Name	KC7F2, CAS [[927822-86-4]]
Biozol Catalog Number	FBM-10-4714
Supplier Catalog Number	10-4714
Alternative Catalog Number	FBM-10-4714-10MG,FBM-10-4714-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HIF-1alpha inhibitor...
Molecular Weight	570.38
Purity	98% by HPLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[927822-86-4]
Formula	C16H16Cl4N2O4S4
Application Notes	KC7F2 is an inhibitor of HIF-1alpha (IC50 = 20 µM). ¹ It inhibited HIF-mediated transcription in cells derived from glioma, breast, and prostate cancers. The mechanism of action of KC7F2 is via down-regulation of HIF-1alpha protein synthesis accompanied by suppression of phosphorylation of eukaryotic translation initiation factor 4E binding protein 1 and p70 S6 kinase, key regulators of HIF-1alpha protein synthesis.