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Product Datasheet

GSK2334470, CAS [[1227911-45-6]] FBM-10-4725

Article Name	GSK2334470, CAS [[1227911-45-6]]
Biozol Catalog Number	FBM-10-4725
Supplier Catalog Number	10-4725
Alternative Catalog Number	FBM-10-4725-5MG,FBM-10-4725-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Potent and selective PDK1 inhibitor...
Molecular Weight	462.60
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1227911-45-6]
Formula	C ₂₅ H ₃₄ N ₈ O
Application Notes	Potent (IC ₅₀ = 10 nM) and selective inhibitor of 3-Phosphoinositide-dependent kinase 1 (PDK1), which phosphorylates and activates a group of protein kinases in the AGC/PKG/PKC family. ¹ It is more effective at inhibiting PDK1 substrates that are activated in the cytosol rather than at the plasma membrane. ¹ GSK2334470 delayed melanogenesis and metastasis in Braf(V600E)::Pten(-/-) mice. ² It also displays antitumor activity against multiple myeloma synergistically with mTORC1/2 inhibitor PP2423 and proteasome inhibitor MG-1324.