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Product Datasheet

GSK2334470
FBM-10-4725

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| Article Name | GSK2334470 |
| 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 | 462.6 |
| 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. |