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Product Datasheet

VER-246608, CAS [[1684386-71-7]] FBM-10-4224

Article Name	VER-246608, CAS [[1684386-71-7]]
Biozol Catalog Number	FBM-10-4224
Supplier Catalog Number	10-4224
Alternative Catalog Number	FBM-10-4224-5MG, FBM-10-4224-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Pan-PDK inhibitor...
Molecular Weight	552.96
Purity	>98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[1684386-71-7]
Formula	C28H23ClF2N4O4
Application Notes	VER-246608 is a potent (IC50s: PDK-1 = 35 nM, PDK-2 = 84 nM, PDK-3 = 40 nM, PDK-4 = 91 nM) and selective pan-pyruvate dehydrogenase kinase inhibitor. ¹ It decreased oxygen consumption and attenuated glycolytic activity (Warburg metabolism) under D-glucose/L-glutamine-depleted conditions. VER-246608 treatment of four cancer lines (PC-3, SW-1088, UM-22B, and MEF) under depleted D-glucose/L-glutamine conditions resulted in almost complete inhibition of cell growth. It also acted synergistically with doxorubicin in PC-3 and ES-2 cells.