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Product Datasheet

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

Artikelname	VER-246608, CAS [[1684386-71-7]]
Artikelnummer	FBM-10-4224
Hersteller Artikelnummer	10-4224
Alternativnummer	FBM-10-4224-5MG,FBM-10-4224-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Pan-PDK inhibitor...
Molekulargewicht	552.96
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White to off-white solid
CAS Nummer	[1684386-71-7]
Formel	C28H23ClF2N4O4
Anwendungsbeschreibung	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.