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Product Datasheet

Capivasertib, CAS [[1143532-39-1]] FBM-10-4383

Article Name	Capivasertib, CAS [[1143532-39-1]]
Biozol Catalog Number	FBM-10-4383
Supplier Catalog Number	10-4383
Alternative Catalog Number	FBM-10-4383-5MG,FBM-10-4383-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	pan-AKT inhibitor...
Molecular Weight	428.92
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1143532-39-1]
Formula	C21H25CIN6O2
Application Notes	Capivasertib is a potent ATP-competitive pan-Akt inhibitor (IC50s: Akt1 = 3 nM, Akt2 = 8 nM, Akt3 = 8 nM).^{1,2} It reduced tumor vascular density, decreased influx of myeloid cells, and reduced tumor regrowth in hepatocarcinoma models in conjunction with radiotherapy.³ Capivasertib significantly reduced cancer migration and invasion in a colorectal cancer model.⁴ It enhanced CAR-T cell activity in B cell lymphoma models.⁵ FDA approved for the treatment of HR+/HER2-negative breast cancer.