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Product Datasheet

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

Artikelname	Capivasertib, CAS [[1143532-39-1]]
Artikelnummer	FBM-10-4383
Hersteller Artikelnummer	10-4383
Alternativnummer	FBM-10-4383-5MG,FBM-10-4383-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	pan-AKT inhibitor...
Molekulargewicht	428.92
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1143532-39-1]
Formel	C ₂₁ H ₂₅ CIN ₆ O ₂
Anwendungsbeschreibung	Capivasertib is a potent ATP-competitive pan-Akt inhibitor (IC ₅₀ s: 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.