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Product Datasheet

ARN25499 FBM-10-4412

Article Name	ARN25499
Biozol Catalog Number	FBM-10-4412
Supplier Catalog Number	10-4412
Alternative Catalog Number	FBM-10-4412-5MG,FBM-10-4412-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cdc42 GTPase interaction inhibitor...
Molecular Weight	390.49
Purity	99% by HPLC NMR (Conforms)
Form	Yellow solid
Formula	C23H26N4O2
Application Notes	ARN25499 is a novel Cdc42 GTPase interaction inhibitor. It inhibits the interaction between Cdc42 and its downstream effectors (i.e PAK) instead of the Cdc42-GEF interaction. ARN25499 displayed activity against four melanoma cancer cell lines (IC50s: SKM28 13.5 µM, SKMe13 8.1 µM, WM3248 12.8 µM, A375 9.7 µM) and one colon cancer line (IC50 = 11.2 µM SW480). It also displayed good pharmacokinetics in mice. ARN25499 also showed in vivo efficacy in melanoma PDX tumors in NSG mice at 10mg/kg.