

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

SU9516 FBM-10-5705

Article Name	SU9516
Biozol Catalog Number	FBM-10-5705
Supplier Catalog Number	10-5705
Alternative Catalog Number	FBM-10-5705-5MG,FBM-10-5705-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CDK inhibitor (pan-specific)...
Molecular Weight	241.25
Purity	>98% by HPLC NMR (Conforms)
Form	Orange solid
CAS Number	[377090-84-1]
Formula	C13H11N3O2
Application Notes	Cyclin-dependent kinase inhibitor, IC50s= 0.02-0.03, 0.04-0.2, 0.2-1.7 and 0.9 µM for cdk2, cdk1, cdk4, cdk9 respectively.1,2 Inhibits phosphorylation of retinoblastoma protein pRb, causing enhanced pRb/E2f complex formation, cell cycle arrest at G1 and G2-M and apoptosis.3 Down-regulates antiapoptotic protein Mcl-1 expression resulting in mitochondrial injury and cell death.4 Inhibits epithelial-mesenchymal transition (IC50=1.21 µM) a crucial pathological event in tumor cell budding and metastasis.5 Cell permeable.