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## Product Datasheet

### Purvalanol A, CAS [[212844-53-6]] FBM-10-2868

Article Name	Purvalanol A, CAS [[212844-53-6]]
Biozol Catalog Number	FBM-10-2868
Supplier Catalog Number	10-2868
Alternative Catalog Number	FBM-10-2868-5MG, FBM-10-2868-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CDK inhibitor...
Molecular Weight	388.89
Purity	98% by HPLC, NMR (Conforms)
Form	Pale green solid
CAS Number	[212844-53-6]
Formula	C19H25ClN6O
Application Notes	Cyclin-dependent kinase inhibitor. IC50s= 4, 70, 35, 75 and 850 nM for cdc2/cyclin B, cdk2/cyclin A, cdk2/cyclin E, cdk5/p35 and cdk4/cyclin D1 and respectively. <sup>1</sup> Reversibly arrests synchronized cells in G1 and G2 phase. <sup>2</sup> Induces ER stress-mediated apoptosis and autophagy in colon cancer cells. <sup>3</sup> Suppresses Src-mediated transformation by inhibiting both CDKs and c-Src. <sup>4</sup> In cells transformed with MYC, purvalanol A rapidly down-regulates survivin expression and induces MYC-dependent apoptosis. <sup>5</sup> Cell permeable.