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## Product Datasheet

### RO-3306, CAS [[872573-93-8]]

### FBM-10-4126

Article Name	RO-3306, CAS [[872573-93-8]]
Biozol Catalog Number	FBM-10-4126
Supplier Catalog Number	10-4126
Alternative Catalog Number	FBM-10-4126-5MG, FBM-10-4126-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CDK1 inhibitor...
Molecular Weight	351.45
Purity	98% by HPLC NMR (Conforms)
Form	Off-white or pale yellow solid
CAS Number	[872573-93-8]
Formula	C18H13N3OS2
Application Notes	RO-3306 is a selective inhibitor of CDK1 (IC50 = 35 nM versus CDK2 IC50 = 340nM). <sup>1,2</sup> It induces G2/M phase cell cycle arrest and apoptosis. Inhibition of CDK1 with RO-3306 has been shown to have synergistic effects with PARP inhibitors in treating various breast cancers. <sup>3,4</sup> It has also been demonstrated to overcome apoptotic resistance in BRAFV600E human colorectal cancer cells. <sup>5</sup>