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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).1,2 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.3,4 It has also been demonstrated to overcome apoptotic resistance in BRAFV600E human colorectal cancer cells.5