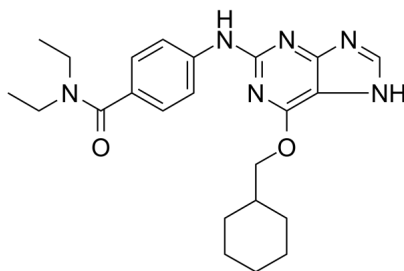


Data Sheet

Product Information

Catalog Number	BP13392
Product Name	NU6140
Description	NU6140 is a selective inhibitor of CDK2-cyclin A (IC ₅₀ , 0.41 μM). It shows 10- to 36-fold selectivity over other CDKs. NU6140 also effectively inhibits Aurora A and Aurora B (IC ₅₀ s: 67 and 35 nM, respectively). It also enhances the apoptotic effect and has anti-cancer activity.
Targets&IC ₅₀	Aurora A:67 nM, Aurora B:35 nM, CDK5/p25:15 μM, CDK4/CyclinD:5.5 μM, CDK7/cyclinH:3.9 μM, CDK2/CyclinA:0.41 μM, CDK1/CyclinB:6.6 μM
In vitro	NU6140 enhances catalytic activity of capase-9 and capase-3, causes an increase in the sub-G1 apoptotic cell population. NU6140 is less active on CDK1-cyclin B, CDK4-cyclin D, CDK5-p25 and CDK7-cyclin H (IC ₅₀ s: 6.6, 5.5, 15 and 3.9 μM, respectively).
CAS No.	444723-13-1
Chemical Formula	C ₂₃ H ₃₀ N ₆ O ₂
Molecular Weight	422.533
Solubility	DMSO: 250 mg/mL (591.69 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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