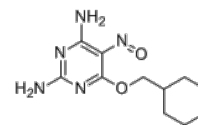


Product Name : NU-6027
Cat. No. : PC-70116
CAS No. : 220036-08-8
Molecular Formula : C₁₁H₁₇N₅O₂
Molecular Weight : 251.3
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

NU-6027 (NU6027) is an ATP-competitive inhibitor of **CDK1 and CDK2** with Ki of 2.5 uM and 1.3 uM respectively. NU-6027 (NU6027) inhibits human tumor cells with a mean GI50 of 10 ±6 uM. NU-6027 (NU6027) also inhibits cellular ATR (IC50=6.7 uM) and RAD51 focus formation, increases the cytotoxicity of the major classes of DNA-damaging anticancer cytotoxic therapy.

References

- Arris CE, et al. *J Med Chem.* 2000 Jul 27;43(15):2797-804.
Peasland A, et al. *Br J Cancer.* 2011 Jul 26;105(3):372-81.
Boschi D, et al. *Eur J Med Chem.* 2013 Oct;68:333-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com