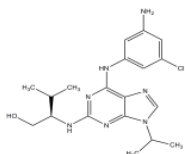


PRODUCT: Aminopurvalanol A**ALTERNATE NAME:** (2*R*)-2-[[[6-[(3-Amino-5-chlorophenyl)amino]-9-(1-methylethyl)-9*H*-purin-2-yl]amino]-3-methyl-1-butanol; NG97**CATALOG #:** 2205-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₂₆ClN₇O**MOLECULAR WEIGHT:** 403.91**CAS NUMBER:** 220792-57-4**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO (100 mM)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** A cell-permeable, reversible and competitive inhibitor of cyclin-dependent kinases. IC₅₀ values are: CDK1/cyclin B (33 nM), CDK2/cyclin A (33 nM), CDK2/cyclin E (28 nM) and CDK5/p35 (20 nM).**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Alsterpaullone (**Cat. No. 1897-1,5**)Butyrolactone I (**Cat. No. 1690-200**)Flavopiridol (**Cat. No. 2090-1, 5**)Kenpaullone (**Cat. No. 1904-1**)RO-3306 (**Cat. No. 2039-1,5**)Roscovitine (**Cat. No. 1950-1,5**)TG003 (**Cat. No. 1905-5, 25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**