**PRODUCT:** NG52  
**ALTERNATE NAME:** 2-[[6-[(3-chlorophenyl)amino]-9-(1-methylethyl)-9H-purin-2-yl]amino]-ethanol; compound 52  
**CATALOG #:** 9420-5, 25  
**AMOUNT:** 5 mg, 25 mg  
**STRUCTURE:**  
![Structure](image)  
**MOLECULAR FORMULA:** C_{16}H_{19}ClN_{6}O  
**MOLECULAR WEIGHT:** 346.81  
**CAS NUMBER:** 212779-48-1  
**APPEARANCE:** White to off-white solid  
**SOLUBILITY:** DMSO  
**PURITY:** ≥98% by HPLC  
**STORAGE:** Store at -20°C. Protect from air and light  
**DESCRIPTION:** NG 52 (Compound 52) is a potent, selective, cell-permeable, and reversible inhibitor of the cell cycle-regulating kinase, Cdc28p (IC_{50} = 7 μM), and the related Pho85p kinase (IC_{50} = 2 μM).  
**RELATED PRODUCTS:**  
- Alsterpaullone (Cat. No. 1897-1,5)  
- AT-7519 hydrochloride (Cat. No. 2816-5, 25)  
- Butyrolactone I (Cat. No. 1690-200)  
- Doramapimod (Cat. No. 1954-5, 25)  
- Flavopiridol (Cat. No. 2090-1, 5)  
- 10Z-Hymenialdisine (Cat. No. 2212-250, 1000)  
- Kenpaullone (Cat. No. 1904-1)  
- PD1834352 (Cl-1040) (Cat. No. 1585-1,5,25)  
- EZSolution™ PD184352 (Cat. No. 1871-1)  
- PD325901 (Cat. No. 1643-2, 5, 25)  
- PD98059 (Cat. No. 1666-5)  
- EZSolution™ PD98059 (Cat. No. 1783-5)  
- PD0332991 (Cat. No. 2843-5, 25)  
- (R)-Perharidine-1 (Cat. No. 2615-1,5)  
- RO-3306 (Cat. No. 2039-1,5)  
- Roscovitine (Cat. No. 1950-1,5)  
- SB 203580 (Cat. No. 1712-1, 5)  
- EZSolution™ SB203580 (1786-1)  
- Sorafenib (Cat. No. 1594-25, 100)  
- TG003 (Cat. No. 1905-5, 25)  
- 7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)  
- U0126 (Cat. No. 1668-5)  
- VX-702 (Cat. No. 1598-1,5)  
**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.  
**USAGE:** FOR RESEARCH CH USE ONLY! Not to be used in humans