

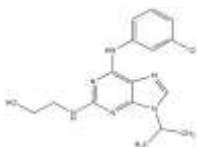
PRODUCT: NG52

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:



MOLECULAR FORMULA: C₁₆H₁₉ClN₆O

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 (IC₅₀ = 7 μM), and the related Pho85p kinase (IC₅₀ = 2 μM).

REFERENCES: Ray, N.S., *et al.* (1998). *Science* **281**, 533-538.

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**)

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 (CI-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**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**