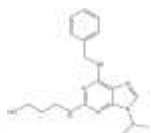


PRODUCT: Bohemine**ALTERNATE NAME:** 3-((6-(benzylamino)-9-isopropyl-9H-purin-2-yl)amino)propan-1-ol**CATALOG #:** B1040-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₂₄N₆O**MOLECULAR WEIGHT:** 340.43**CAS NUMBER:** 189232-42-6**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light

DESCRIPTION: Bohemine is a potent and selective, cell-permeable, cyclin-dependent kinase (CDK) inhibitor IC₅₀ = 1 μM). Arrests cell cycle in the G/S boundary and activates mature bovine oocytes. Bohemine is structurally similar to Olomoucine and Roscovitine (Cat. No.1950).

REFERENCES: Adona, P.R., *et al.* (2004). *Zygote* **12**, 197-204.**RELATED PRODUCTS:**

Alsterpaullone (Cat. No. 1897-1,5)
 AT-7519 hydrochloride (Cat. No. 2816-5, 25)
 Bohemine (Cat. No. B1040-10, 50)
 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)
 LY2835219 (Cat. No. B1039-10,50)
 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)
 PD-0332991 (Cat. No. 2843-5,25)
 PD-0332991 Isethionate (Cat. No. 9480-5,25)
 EZSolution™ PD98059 (Cat. No. 1783-5)
 (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)
 SNS-032 (Cat. No. 9490-5,25)
 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