

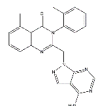
PRODUCT: PIK-293

ALTERNATE NAMES: PIK 293; PIK293; 2-[(4-amino-1H-pyrazolo[3,4-d]pyrimidin-1-yl)methyl]-5-methyl-3-(2-methylphenyl)-4(3H)-quinazolinone; 2-[(4-aminopyrazolo[3,4-d]pyrimidin-1-yl)methyl]-5-methyl-3-(2-methylphenyl)quinazolin-4-one

CATALOG#: B1658-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₁₉N₇O

MOLECULAR WEIGHT: 397.4

CAS NUMBER: 900185-01-5

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: PIK-293 is a PI3K inhibitor, mostly for PI3K δ with IC₅₀ of 0.24 μ M, 500-, 100- and 50-fold less potent to PI3K $\alpha/\beta/\gamma$, respectively.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCES: 1. Knight, Z.A et al. A pharmacological map of the PI3-K family defines a role for p110 α in insulin signaling. Cell 125, 733-747 (2006).

RELATED PRODUCTS:

- BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
- GDC-0941 bismesylate (Cat. No. 1623-1, 5)
- Deforolimus (Cat. No. 1587-5, 25)
- IC87114 (Cat. No. 1661-1)
- LY 294002 (Cat. No. 1667-5, 25)
- mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1, 5)
- PI-103 (Cat. No. 1728-1, 5)
- PP242 (Cat. No. 1658-1)
- Rapamycin (Cat. No. 1568-5, 50)
- Temsirolimus (Cat. No. 1600-5, 25)
- TGX-115 (Cat. No. 1660-1)
- TGX-221 (Cat. No. 1781-1, 5)
- Wortmannin (Cat. No. 1670-1)

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