

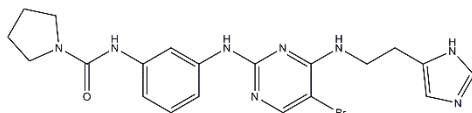
PRODUCT: BX-912

ALTERNATE NAMES: BX 912; BX912; N-[3-[[5-bromo-4-[2-(1H-imidazol-5-yl)ethylamino]pyrimidin-2-yl]amino]phenyl]pyrrolidine-1-carboxamide; N-(3-((4-((2-(1H-imidazol-4-yl)ethyl)amino)-5-bromopyrimidin-2-yl)amino)phenyl)pyrrolidine-1-carboxamide; PDK1 inhibitor

CATALOG#: B1765-5, -25

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₂₃BrN₈O

MOLECULAR WEIGHT: 471.35

CAS NUMBER: 702674-56-4

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: BX-912 is a potent and selective inhibitor of 3-phosphoinositide-dependent kinase 1 (PDK1) with IC₅₀ value of 26nM. BX-912 has shown 9-fold selectivity for PDK1 relative to PKA and 105-fold selectivity against PKC.

REFERENCES: 1. Feldman RI et al. Novel small molecule inhibitors of 3-phosphoinositide-dependent kinase-1. J Biol Chem. 2005 May 20;280(20):19867-74.

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

RELATED PRODUCTS:

- APY-0201 (Cat. No. 9564-5,25)
- AS-604850 (Cat. No. 2339-1, 5)
- BAG956 (Cat.No. 2456-5, 25)
- BAY 80-6946 (Cat. No. B1267-5, 25)
- BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
- CAL-101 (Cat. No. 2613-5, 25)
- GDC-0941 bismesylate (Cat. No. 1623-1, 5)
- Deforolimus (Cat. No. 1587-5, 25)
- DiscoveryPak™ PI 3-Kinase Inhibitor Panel (Cat. No. K856-5)
- GDC-0941 (Cat. No. 1623-1, 5)
- GSK-263771 (Cat. No. 2793-5, 25)
- IC87114 (Cat. No. 1661-1)
- IPI-145 (Cat. No. 2445-5, 25)
- LY 294002 (Cat. No. 1667-5, 25)
- NVP-BKM120 (Cat. No. 2619-5, 25)
- mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1, 5)
- OSU-03012, hydrochloride (Cat. No. 2295-5, 25) P
- I-103 (Cat. No. 1728-1, 5)
- PIK-294 (Cat. No. 2614-5, 25)
- PI3-Ky Inhibitor, AS-605240 (Cat. No. 1780-1, 5)
- PathwayReady™ PI3-K/Akt/mTOR Signaling Inhibitor panel (Cat. No. K857-11)
- PP242 (Cat. No. 1658-1)
- PX-866 (Cat. No. 1965-1, 5)
- Rapamycin (Cat. No. 1568-5, 50)
- SAR260301 (Cat. No. B1263-5, 25)
- Temsirolimus (Cat. No. 1600-5, 25)
- TGX-115 (Cat. No. 1660-1)
- TGX-221 (Cat. No. 1781-1, 5)
- Wortmannin (Cat. No. 1670-1)
- YM201636 (Cat. No. 2045-1, 5)
- XL147 (Cat. No. 9401-5, 25)

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