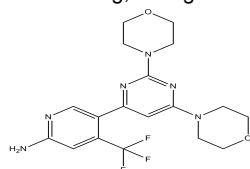


Product: NVP-BKM120**ALTERNATE NAME:** (5-[2,6-Di(4-morpholinyl)-4-pyrimidinyl]-4-(trifluoromethyl)-2-pyridinamine; BKM-120; Buparlisib**CATALOG #:** 2619-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₂₁F₃N₆O₂**MOLECULAR WEIGHT:** 410.39**CAS No.** 944396-07-0**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~15 mg/ml) or EtOH (~15 mg/ml)**PURITY:** >95% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** NVP-BKM120 is a potent inhibitor of class I PI3K isoforms; potently blocks both p110 α (IC₅₀ = 52 nM) and p110 β (IC₅₀ = 166 nM) *in vitro*. It is much less effective against the class III PI3K Vps34 and mammalian target of rapamycin (mTOR) and has no effect on PI4K β and several other kinases. NVP-BKM120 prevents the growth of assorted cancer cell lines when used at 5 μ M and inhibits tumor growth *in vivo*.**REFERENCES:** Maira, S., *et al.* (2012). *Mol. Cancer Ther.* **11**, 317-328.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

AS-604850 (Cat. No. 2339-1, 5)

BAG956 (Cat.No. 2456-5, 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)

IC87114 (Cat. No. 1661-1)

IPI-145 (Cat. No. 2445-5, 25)

LY 294002 (Cat. No. 1667-5, 25)

mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)

OSU-03012, hydrochloride (Cat. No. 2295-5, 25)

PI-103 (Cat. No. 1728-1,5)

PIK-294 (Cat. No. 2614-5, 25)

PI3-K γ 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)

Temsilolimus (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)

FOR RESEARCH USE ONLY! Not to be used in humans.