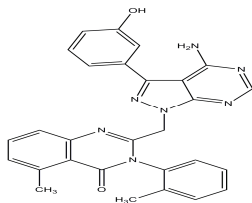


**Product: PIK-294****ALTERNATE NAME:** 2-[[4-Amino-3-(3-hydroxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl]methyl]-5-methyl-3-(2-methylphenyl)-4(3H)-quinazolinone**CATALOG #:** 2614-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>28</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 489.53**CAS No.** 900185-02-6**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>60 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** PIK-294 is a highly potent and selective p110δ inhibitor (IC<sub>50</sub> of 10 nM). Displays 1000-, 49- and 16-fold less potency against PI3Kα/β/γ, respectively.**REFERENCES:** Bobrovnikova-Marjon, E., *et al.* (2012). *Mol. Cell. Biol.* **32**, 2268-2278.**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)  
PI3-Kγ 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)  
Temsirrolimus (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.**