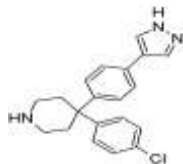


**PRODUCT: AT7867****ALTERNATE NAME:** 4-(4-Chlorophenyl)-4-[4-(1H-pyrazol-4-yl)phenyl]piperidine**CATALOG #:** B2178-1,5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>20</sub>H<sub>20</sub>ClN<sub>3</sub>**MOLECULAR WEIGHT:** 337.9**CAS NUMBER:** 857531-00-1**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~0.33 mg/ml)**PURITY:** ≥97% by HPLC**STORAGE:** Store at -20 °C. Protect from light and light**DESCRIPTION:** AT7867 is a potent inhibitor of Akt isoforms Akt1, 2, and 3 (IC<sub>50</sub>s = 32, 17, and 47 nM, respectively). It also inhibits p70S6 kinase and PKA (IC<sub>50</sub>s = 85 and 20 nM, respectively), but is without effect against a panel of other kinases. AT7867 inhibits growth and induces apoptosis in a variety of cancer cell lines *in vitro* and suppresses tumor growth of PTEN-deficient xenografts in mice.**REFERENCES:** Grimshaw, K.M., *et al.* (2010). *Mol. Cancer Ther.* **9**, 1100-1110.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Akt Inhibitor (**Cat. No. 1701-1**)Akt Inhibitor, Isozyme-Selective (**Cat. No. 1708-1**)Akt Inhibitor (10-NCP) (**Cat. No. 2338-1, 5**)AT7867 (**B2178-1,5**)Afuresertib hydrochloride (**Cat. No. B1848-5,25**)Cordycepin (**Cat. No. 2078-10, 50**)DiscoveryPak™ PI 3 Kinase Inhibitor Set (**Cat. No. K856-5**)GSK-690693 (**Cat. No. 227205, 25**)MK-2206 (**Cat. No. 1888-500, 1000**)Perifosine(KRX-0401) (**Cat. No. 1592-5, 25**)PHT427 (**Cat. No. 2465-10, 50**)SH-5 (**Cat. No. 1818-500**)SH-6 (**Cat. No. 1819-500**)SC66 (**Cat. No. 1870-10, 50**)Triciribine (**Cat. No. 1707-1**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**