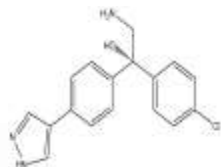


PRODUCT: AT-13148**ALTERNATE NAME:** (S)-1-(4-(1H-pyrazol-4-yl)phenyl)-2-amino-1-(4-chlorophenyl)ethanol**CATALOG #:** B1144-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₁₆ClN₃O**MOLECULAR WEIGHT:** 313.78**CAS NUMBER:** 1056901-62-2**APPEARANCE:** White Solid**SOLUBILITY:** DMSO (>5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.

DESCRIPTION: AT13148 is a potent, ATP-competitive multi-AGC kinase inhibitor that displays antitumor activity. AT13148 blocks AKT, p70S6K, PKA, ROCK, and SGK substrate phosphorylation inducing concentration dependent apoptosis in cancer cells. It also shows anti-tumor efficacy in HER2-positive, PIK3CA-mutant BT474 breast, PTEN-deficient PC3 human prostate cancer and PTEN deficient MES-SA uterine tumor in xenografts. Gene expression studies shows that AT13148 has a predominant effect on apoptosis genes.

REFERENCES: Yap T. A, *et al.* (2012), *Clin. Cancer Res.* **8**, 3912-3923

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

RELATED PRODUCTS:Bisindolylmaleimide I (**Cat. No. 1945-1, 5**)Bisindolylmaleimide I hydrochloride (**Cat. No. 1947-1, 5**)Enzastaurin (LY317615)(**Cat. No. 1619-1,5**)Gö 6976 (**Cat. No. 1711-500**)EZSolution™ Gö 6976 (**Cat. No. 1785-500**)H-89 Dihydrochloride (**Cat. No. 1768-1,5**)Staurosporine (**Cat. No. 1048-01,1**)EZSolution™ Staurosporine (**Cat. No. 1745-01**)Tamoxifen Citrate (**Cat. No. 1551-1000**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**