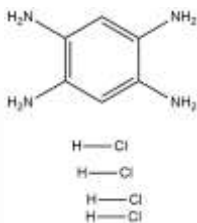


PRODUCT: Y15**ALTERNATE NAME:** 1,2,4,5-benzenetetramine, tetrahydrochloride**CATALOG #:** B1252-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₆H₁₀N₄•4HCl**MOLECULAR WEIGHT:** 284.01**CAS NUMBER:** 4506-66-5**APPEARANCE:** Light yellow solid**SOLUBILITY:** DMSO (>20 mg/ml) or (H₂O (>15 mg/ml)**PURITY:** ≥95%**STORAGE:** Store at -20°C. Protect from air and moisture

DESCRIPTION: Y15 is a selective focal adhesion kinase (FAK) inhibitor preventing FAK autophosphorylation at IC₅₀ of 1 μM. It does not have any significant activity against a range of other kinases like EGFR, PDGFR, and IG-RI. Y15 has shown to promote cell detachment inhibiting cell adhesion in in vitro experiments, shows antiproliferative activity in variety of tumor cell lines. In vivo it has shown to inhibit the proliferation in breast cancer cells.

REFERENCES: Hochwald., S.N., *et al.* (2009). *Cell Cycle*, **8**, 2435-2443**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**GSK2256098 (**B1224**)PF-04554878 (**2888**)PF-431396 (**2844**)PF-573228 (**2819**)PND-1186 (**2823**)TAE-226 (**9436**)Y15 (**B1252**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**