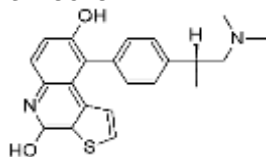


PRODUCT: OTS-964**ALTERNATE NAMES:** (R)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one**CATALOG NUMBER:** B1964-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₂₂N₂O₂S**MOLECULAR WEIGHT:** 378.49**CAS NUMBER:** 1338545-07-5**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** OTS-964 is a potent inhibitor of lymphokine-activated killer T cell-originated protein kinase (TOPK; IC₅₀ = 28 nM). It specifically blocks cytokinesis, leading to apoptosis, in a broad range of cancer cells. OTS-964 induces apoptosis of human lung cancer cells in mouse xenografts.**REFERENCES:** Matsuo, Y., et al. (2014). *Sci. Transl. Med.* **6**, 259ra145**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Actinomycin D (**Cat. No. 1036-50, 50MG, 5MG**)Anisomycin (**Cat. No. 1549-10**)Apoptosis activator 2 (**Cat. No. 2784-5, 25**)BAM7 (**Cat. No. 2451-5, 25**)Berberine chloride (**Cat.No. 1830-100, 500**)Bioymifi (**Cat. No. 9424-5,25**)Brefeldin A (**Cat. No. 1560-5, 50**)Camptothecin (**Cat. No. 1039-1, 100, 50MG, 500MG**)Carboplatin (**Cat. No. 1553-100**)Colchicine (**Cat. No.1519-1000**)Cycloheximide (**Cat. No. 1041-1, 1G**)Cyclosporine A (**Cat. No. 1522-100**)Daunorubicin HCl (**Cat. No. 1524-10, 50, 500**)Dexamethasone (**Cat. No. 1042-1, 1G, 10G**)Doxorubicin HCl (**Cat. No. 1527-5**)Etoposide (**Cat. No. 1043-100, 25Mg, 250MG**)LY573636 (**Cat. No. 2297-5, 25**)PAC-1 (**Cat. No. 1654-10**)Raptinal (**Cat. No. 9626-10, 50**)Ready-to-Use Apoptosis Inducer Set (**Cat. No. K121-5**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**