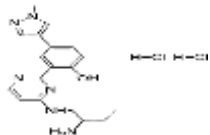


PRODUCT: CRT0066101**ALTERNATE NAME:** 2-[4-[(2*R*)-2-aminobutyl]amino]-2-pyrimidinyl]-4-(1-methyl-1*H*-pyrazol-4-yl)phenol dihydrochloride**CATALOG NUMBER:** B1847-1,5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₂₂N₆O₂·2HCl**MOLECULAR WEIGHT:** 411.33**CAS NUMBER:** 1883545-60-5**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (~ 4 mg/ml) or H₂O (>5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** CRT0066101 is a potent inhibitor of protein kinase D (PKD). It inhibits all PKD isoforms (IC₅₀ values are 1, 2 and 2.5 nM for PKD1, PKD3 and PKD2 respectively). It displays selectivity for PKD against a panel of >90 protein kinases, including PKCα, MEK, ERK, c-Raf and c-Src.**REFERENCES:** Ni, Y., et al. (2013). *PLoS One*. 8(9):e73149**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**CID-755673 (**2660**)CID-2011756 (**2067**)CRT0066101 (**B1847**)Active PKD2 (**7711**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**