

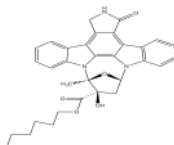
**PRODUCT: KT5720**Fasudil monohydrochloride (**Cat. No. 1787-10, 50**)H-89, dihydrochloride (**Cat. No. 1768-1, 5**)

**ALTERNATE NAME:** (9*R*,10*S*,12*S*)-2,3,9,10,11,12-Hexahydro-10-hydroxy-9-methyl-1-oxo-9,12-epoxy-1*H*-diindolo[1,2,3-*fg*:3',2',1'-*k*]pyrrolo[3,4-*l*][1,6]benzodiazocine-10-carboxylic acid, hexyl ester

**CATALOG #:** 2276-50, 100

**AMOUNT:** 50 µg, 100 µg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>32</sub>H<sub>31</sub>N<sub>5</sub>O<sub>5</sub>

**MOLECULAR WEIGHT:** 537.61

**CAS NUMBER:** 108068-98-0

**APPEARANCE:** Colorless solid

**SOLUBILITY:** DMSO (~50 mM)

**PURITY:** ≥98% by HPLC

**STORAGE:** At -20° C. Protect from light and moisture

**DESCRIPTION:** A derivative of the protein kinase inhibitor K252a (Cat. No. 2013). Acts as a potent, selective, ATP-competitive inhibitor of protein kinase A (PKA) (K<sub>i</sub> = 60 nM). Has no effect on PKC, PKG and MLCK.

**REFERENCE:** Kase, H., *et al.* (1987). *Biochem. Biophys. Res. Commun.* **142**, 436-440.

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

**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**