

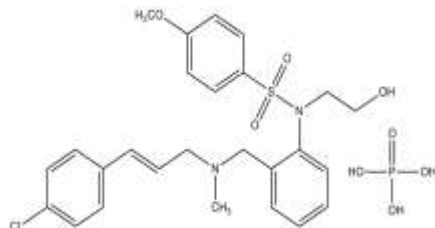
## KN-93, Water-Soluble

**ALTERNATE NAME:** N-[2-[[[3-(4-Chlorophenyl)-2-propenyl]methylamino]methyl]phenyl]-N-(2-hydroxyethyl)-4-methoxybenzenesulphonamide

**CATALOG #:** 1909-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>26</sub>H<sub>29</sub>ClN<sub>2</sub>O<sub>4</sub>S · H<sub>3</sub>PO<sub>4</sub>

**MOLECULAR WEIGHT:** 599.03

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** Water

**PURITY:** ≥98% by NMR

**STORAGE:** Store at -20 °C

**DESCRIPTION:** Cell-permeable. A Potent and selective inhibitor of Ca<sup>2+</sup>/calmodulin-dependent protein kinase II (CaM kinase II) (IC<sub>50</sub> = 0.37 μM).

**REFERENCE:** Tombes, R.M., *et al.* (1995). *Cell Growth Differ.* **6**, 1063-1070; Sumi, M., *et al.* (1991). *Biochem. Biophys. Res. Commun.* **181**, 968-975.

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

**FOR RESEARCH USE ONLY! Not to be used on humans.**

**RELATED PRODUCTS:**

- CaMKII Antibody (Cat. No. 3383-100)