

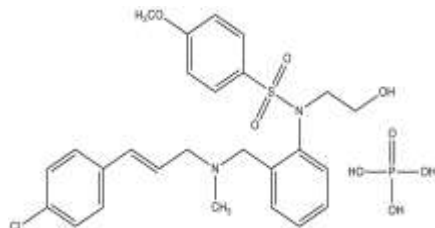
KN-93, Water-Soluble

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: C₂₆H₂₉ClN₂O₄S · H₃PO₄

MOLECULAR WEIGHT: 599.03

CAS#: 118890-41-6

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 Ca²⁺/calmodulin-dependent protein kinase II (CaM kinase II) (IC₅₀ = 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.

RELATED PRODUCTS:

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

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