

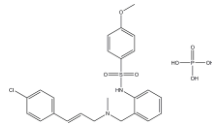
**PRODUCT: KN-92 phosphate**

**ALTERNATE NAMES:** KN92 phosphate; KN 92 phosphate; KN92; KN-92; N-[2-[[[(E)-3-(4-chlorophenyl)prop-2-enyl]-methylamino]methyl]phenyl]-4-methoxybenzenesulfonamide; phosphoric acid

**CATALOG#:** B1644-5, -25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>3</sub>S.H<sub>3</sub>PO<sub>4</sub>

**MOLECULAR WEIGHT:** 554.98

**CAS NUMBER:** 1135280-28-2

**APPEARANCE:** Solid powder

**SOLUBILITY:** DMSO

**PURITY:** >98%

**STORAGE:** Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

**DESCRIPTION:** KN-92 is an inactive derivative of KN-93. KN-93 is a selective inhibitor of Ca<sup>2+</sup>/calmodulin-dependent kinase II (CaMKII), competitively blocking CaM binding to the kinase (K<sub>i</sub> = 370 nM).

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

**RELATED PRODUCTS:**

- Berbamine dihydrochloride (Cat. No. 2520-50, 250)
- K252a (Cat. No. 2013-500, 1000)
- KN-93, Water-soluble (Cat. No. 1909-1, 5)
- KN-62 (Cat. No. 2495-1, 5)
- KN-92 hydrochloride (Cat. No. B1644-5, -25)

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