

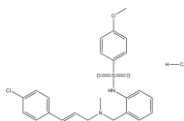
PRODUCT: KN-92 hydrochloride

ALTERNATE NAMES: KN92 hydrochloride; KN 92 hydrochloride; 2-[N-(4-methoxybenzenesulfonyl)amino-N-(4-chlorocinnamyl)-N-methylbenzylamine, monohydrochloride; N-[2-[[[(E)-3-(4-chlorophenyl)prop-2-enyl]-methylamino]methyl]phenyl]-4-methoxybenzenesulfonamide;hydrochloride

CATALOG#: B1643-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₆Cl₂N₂O₃S

MOLECULAR WEIGHT: 493.45

CAS NUMBER: 1431698-47-3

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 Ca²⁺/calmodulin-dependent kinase II (CaMKII), competitively blocking CaM binding to the kinase (K_i = 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)

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